

CONTRACT NO. 4400027760  
STATE PROJECT NO. H.014509.5  
FEDERAL AID PROJECT NO. H014509  
ENTITY CONTRACT FOR DOUCET ROAD SIDEWALKS  
LAFAYETTE PARISH

## Entity Contract for Doucet Road Sidewalks, Lafayette Parish



Submitted to:  
Louisiana Department of  
Transportation and Development

Submitted by:  
Royal Engineers and Consultants, LLC

Date:  
August 29, 2023



August 29, 2023

Department of Transportation and Development Consultant Contract Services Administrator  
1201 Capitol Access Road, Room 405-E  
Baton Rouge, LA 70802-4438

Contract No. 4400027760  
State Project No. H.014509.5  
Federal Aid Project No. H014509  
Entity Contract for Doucet Road Sidewalks, Lafayette Parish



Dear Consultant Selection Committee,

Royal Engineers and Consultants, L.L.C. (Royal) respectfully requests your review and consideration of the enclosed proposal prepared in response to the Department’s advertisement for Engineering and Related Services for Doucet Road Sidewalks. Since 2005, Royal has delivered multi-discipline professional engineering, construction and program management, and resident inspection services for industry, government, and the private sector across the Gulf Coast and is fully licensed, bonded, and insured to do so. Additionally, Royal has provided construction engineering and inspection for complex roadway programs across Louisiana, totaling more than \$500 million.

With offices in Baton Rouge, New Orleans, and Lafayette, staffed with roadway design and construction specialists, the Royal Team is positioned to mobilize immediately and perform the requested services within the established parameters. We have strategically partnered with T. Baker Smith, with whom we have worked successfully on previous projects. Through our carefully selected team of professionals, we are committed to providing the Department and Lafayette Consolidated Government the full suite of construction services required for this sidewalk project, and we are confident we will surpass expectations. Our proposed team meets or exceeds the specified minimum requirements and is organized to meet the needed services described in Attachment A of the advertisement. The Royal Team’s statement of qualifications is submitted in direct response to the referenced advertisement. It highlights our relevant experience and expertise and articulates our unique capabilities to perform needed services promptly and professionally within budget.

Royal has a long service history in Lafayette Parish, and our Lafayette office is less than two miles from the project site. The Royal team knows the area and understands the importance of safe sidewalks for our neighbors.

We appreciate the opportunity to respond and look forward to working with the DOTD and Lafayette Consolidated Government. Please direct communication to our Primary Point of Contact, Michael Pugh, by phone at (504) 283-9400 or via email at mpugh@royalengineering.net.



Sincerely,

Michael Pugh, P.E., President  
Royal Engineers and Consultants, LLC



# **DOTD FORM: 24-102**

(Revised January 1, 2023)

## **PROPOSAL TO PROVIDE CONSULTANT SERVICES**

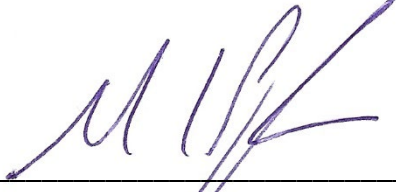
Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract Name as shown in the advertisement	Entity Contract for Doucet Road Sidewalks, Lafayette Parish
2. Contract Number(s) as shown in the advertisement	4400027760
3. State Project Number(s), if shown in the advertisement	H.014509.5
4. Prime consultant name ( <b>name must match as registered with the Louisiana Secretary of State where such registration is required by law</b> )	Royal Engineers and Consultants, L.L.C.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0003328
6. Prime consultant mailing address	1501 Religious Street New Orleans, LA 70130
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1501 Religious Street New Orleans, LA 70130
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Michael Pugh, P.E., President 504-283-9400 mpugh@royalengineering.net
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Michael Pugh, P.E., President 504-283-9400 mpugh@royalengineering.net

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Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

<p><b>10.</b> This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.</p>	<div style="text-align: center; margin-bottom: 10px;">  </div> <hr/> <p>Signature above shall be the same person listed in Section 9:</p> <hr/> <p>Date: August 29, 2023</p>				
<p><b>11.</b> If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.</p>	<table style="width: 100%; border: none;"> <tr> <td style="border: none; width: 50%;"><u>Firm(s):</u></td> <td style="border: none; width: 50%;"><u>Firm(s)' %:</u></td> </tr> <tr> <td style="border: none;">N/A</td> <td style="border: none;">N/A</td> </tr> </table>	<u>Firm(s):</u>	<u>Firm(s)' %:</u>	N/A	N/A
<u>Firm(s):</u>	<u>Firm(s)' %:</u>				
N/A	N/A				

**12. Past Performance Evaluation Discipline Table:**

As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.

The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Past Performance Evaluation Discipline(s)	% of Overall Contract	Royal	T. Baker Smith	Each Discipline must total to 100%
Road	85%	100%		<b>100%</b>
Survey	15%		100%	<b>100%</b>
Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	100%	85%	15%	100%

**13. Firm Size:**

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (please specify)" and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following link:

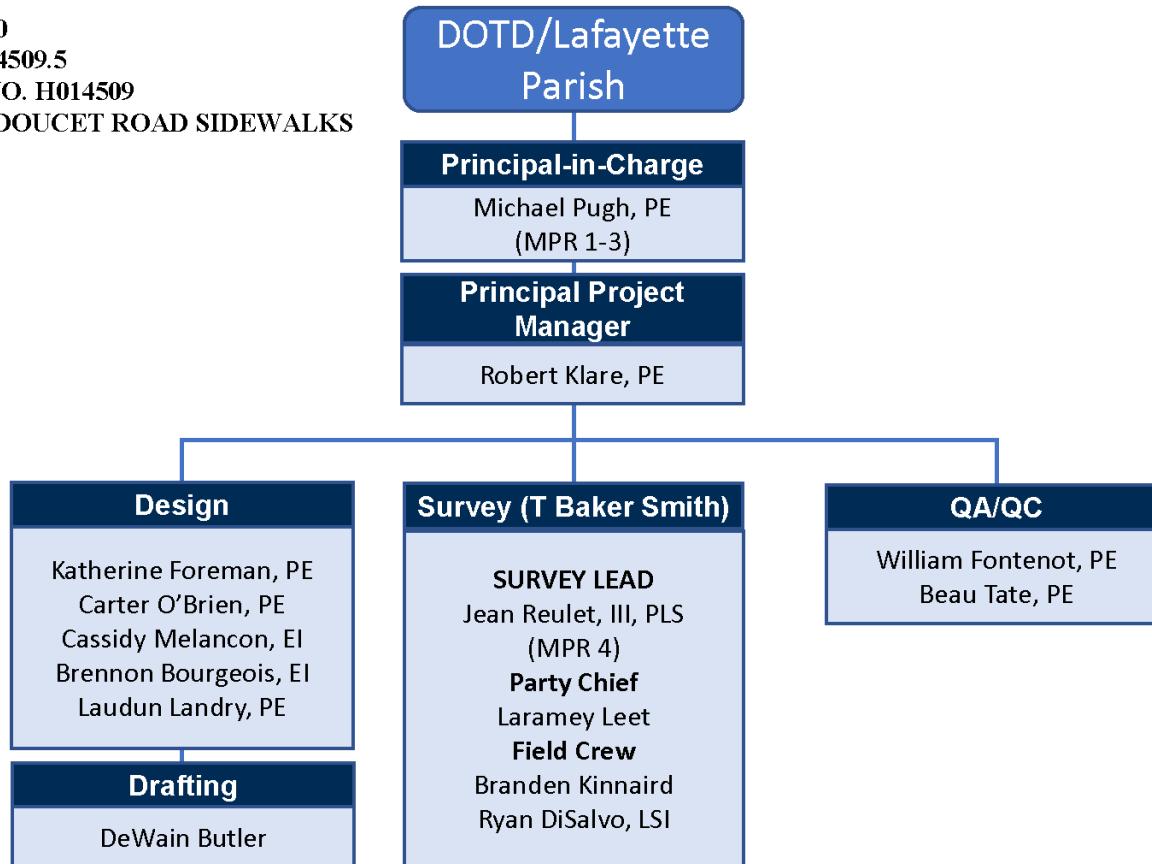
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Job\\_Qualification/Job%20Classifications%20with%20Descriptions.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf)

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
<b>Royal Engineers and Consultants, LLC</b>	Principal	1	4
	Engineer	4	5
	Engineer Intern	2	4
	Supervisor - Engineer	2	2
	Drafter	1	3
<b>T. Baker Smith</b>	Surveyor	4	6

(Add rows as needed)

**14. Organizational Chart:**

CONTRACT NO. 4400027760  
 STATE PROJECT NO. H.014509.5  
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 ENTITY CONTRACT FOR DOUCET ROAD SIDEWALKS  
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**15. Minimum Personnel Requirements:**

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

<b>MPR No. Do not insert wording from ad</b>	<b>Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)</b>	<b>Firm employed by</b>	<b>Type of license and discipline meeting MPR/ certification &amp; number (Ex: PE # - Civil)</b>	<b>State of license</b>	<b>License / certification expiration date</b>
1	Michael Pugh, PE	Royal	PE Civil 30911	LA	3-31-2024
2	Michael Pugh, PE	Royal	PE Civil 30911	LA	3-31-2024
3	Michael Pugh, PE	Royal	PE Civil 30911	LA	3-31-2024
4	Jean Reulet, III, PLS	T. Baker Smith	Professional Land Surveyor, 0005145	LA	3-31-2024

(Add rows as needed)



**16. Staff Experience:**

Firm employed by: Royal Engineers and Consultants				
Name	Michael Pugh, PE		Years of relevant experience with this employer	17
Title	Principal-in-Charge		Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization			BS / 1997 / Civil Engineering	
Active registration number / state / expiration date			30911 / LA / 3-31-2024	
Year registered	2003	Discipline	Professional Engineer, Civil	
Contract role(s) / brief description of responsibilities			Principal, MPR 1-3	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
28 years of experience	Mr. Pugh has over 28 years of experience in designing roadway plans and the construction management of roadway and drainage systems. He managed the St. Bernard Parish Roadway Restoration Program, including the design, bidding, and construction management of 178 roadways with a construction value of nearly \$60M. He is a Registered Professional Engineer in eight states, including Louisiana.			
06/18 - 06/19	<p><b>Citywide Construction Administration and Resident Inspection Services for Sewerage and Water Board of New Orleans and City of New Orleans DPW Cooperative Agreement – New Orleans, LA</b></p> <p>Principal in Charge of the team contracted to provide construction management and inspection services for annual maintenance contractors in five (5) maintenance zones, performing repair and restoration of pavement and associated infrastructure, including utility repair and replacement (water, sewer &amp; drainage), sidewalks, ADA-Compliant Ramps, as well as replacement and repair to associated infrastructure., with a monthly total of 30-35 sites per maintenance zone. Responsibilities included team mobilization, including serving as principal engineer.</p>			
11/19 - Ongoing	<p><b>City of New Orleans Roadway Restoration Program CM and Inspection – New Orleans, LA</b></p> <p>Principal Engineer on the Royal team contracted by the Department of Public Works (DPW) to provide construction management and resident inspection services for the City of New Orleans Roadway Restoration Program CM and Inspection. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (<i>i.e.</i>, sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, resident inspection, and closeout services.</p>			
02/15 - Ongoing	<p><b>St. Bernard Parish Government Pre-Cast Con-Span Canal Crossings Engineering and CM Services – St. Bernard, LA</b></p> <p>Principal Engineer on team contracted for civil engineering, design, surveying, geotechnical, field layout, bidding, construction administration, resident inspection, technical/engineering project close-out, construction management (CM) services. Responsibilities included project governance, subject matter expert for design input, and team mobilization for the replacement of 6 culverts with pre-cast Con-Span structures and increasing the existing hydraulic capacity of the canal.</p>			



03/17 - 05/19	<p><b>Lafayette Regional Airport, Taxiway F Phase III Enabling Project – Lafayette, LA</b></p> <p>Civil Engineering Subject Matter Expert on team providing construction management services for the Taxiway Foxtrot Phase III construction project located at the Lafayette Regional Airport which includes the creation of a parallel taxiway for Runway 4L-22R and a connector taxilane to extend Taxilane A to provide access to the new terminal. Responsibilities included performing a project constructability review.</p>
09/19 - 03/20	<p><b>MaxPave Roadway Program: PM/CM of Utility Rehabilitation – New Orleans, LA</b></p> <p>Principal Engineer responsible for interagency coordination, project management, contract administration, construction management, assessment, and resident inspection services for the CNO DPW and SWBNO combined utility rehabilitation initiative. The project involves 50 to 75 service cuts weekly to conduct the needed point repairs to the sewer and water infrastructure. Completed on time and on budget, Mr. Pugh's primary duties included client service management, civil engineering, and utility impacts subject matter expertise.</p>
12/10 - 01/17	<p><b>Regional Transit Authority Streetcar Expansion Program – Construction Management Plus</b></p> <p>Principal-in-Charge for this streetcar expansion program, where Royal provided construction management and inspection services, document administration, and change order management. Services also included estimating and review of potential change orders and monitoring differing site conditions encountered during construction. The project consists of 14,400 track feet of continuously welded rail, installation of the half grand union at Canal and N. Rampart, an embedded double cross over at Frenchman &amp; Elysian Fields, refurbishment of over 40 historic light poles to include LED bulbs, overhead catenary system installation, installation of traction powered substation, utility relocation and upgrades, and road milling and repaving. Mr. Pugh's team observed demolition, excavation, utility re- location, concrete, asphalt, earthwork, and track-work to ensure compliance with drawings and specifications.</p>
11/10 - 08/11	<p><b>Bloski Avenue Extension – Belle Chasse, LA</b></p> <p>Principal Engineer for this road construction project. Royal worked as the prime contractor for the Naval Facilities Engineering Command Southeast. This project consisted of constructing a 1,300-foot asphalt roadway and included the construction of stormwater drainage, sidewalks, concrete driveways, and solar street lighting. Through value engineering efforts, Mr. Pugh reduced NAVFAC's cost by \$800K and the project schedule by 50 days. Royal was also responsible for the development and maintenance of the Stormwater Pollution Prevention Plan (SWPPP), Environmental Protection Plan (EPP), Health &amp; Safety Plan (HASP), and Accident Prevention Plan (APP).</p>
03/07 - 10/09	<p><b>Roadway Restoration Project – St. Bernard Parish, LA</b></p> <p>Lead Design Engineer and Project Principal responsible for engineering, roadway plans/design, and construction management services for the restoration of all concrete and asphalt roadways, including associated infrastructure, including sidewalks, driveways, drainage, sewer, and water systems, that suffered damage during Hurricane Katrina and the recovery process. Mr. Pugh was the engineer in responsible charge for all design and served as the primary technical resource for contractor questions and challenges encountered during construction.</p>
01/98 - 08/00	<p><b>DOTD: Off System Bridge Program – Iberia Parish, LA</b></p> <p>Mr. Pugh maintained and supervised all Iberia Parish's Off-System Bridge Program projects. This project included intermediate inspection of bridges, recommendations for repairs, supervised repair work, coordination with DOTD and Parish officials, and maintenance of detailed bridge files.</p>

Firm employed by: Royal Engineers and Consultants				
Name	Robert Klare, PE		Years of relevant experience with this employer	<1
Title	Project Manager		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization			Bachelor of Science Engineering/Civil/2013	
Active registration number / state / expiration date			PE.0042991/LA/ March 31, 2025	
Year registered	2018	Discipline	Civile Engineering	
Contract role(s) / brief description of responsibilities			Responsible Charge/Project Manager, Overall management of the project	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Years of Experience	Mr. Klare has extensive experience in road and sidewalk design for Louisiana DOTD projects. Technical skills include AutoCAD, EPA SWMM, and LADOTD Hydraulic Design Software. He has a Bachelor of Science in Civil Engineering from LSU and his related coursework included Intro to Surveying, Advanced Surveying, Hydrologic Design, Steel Design, Concrete Design, Deep Foundations			
2019-2021	<b>H.013365 LA45/LA303 Rosethorne Path (Lafitte)</b> Mr. Klare designed a 2-mile-long concrete walk along Jean Lafitte Boulevard in Lafitte. The project connected previously isolated sections of residential areas with the town’s commercial and recreational assets. The design accommodated a narrow right-of-way, existing drainage inlets and other utilities, while conforming to all ADA and LADOTD requirements. Construction was completed in 2023.			
June 2022-March 2023	<b>H.013525 St. Bernard Parish 40 Arpent Trail</b> Mr. Klare designed an asphalt bike trail on 40 Arpent Levee in Chalmette, LA. This 7.5-mile trail expands bicycle and pedestrian access in St. Bernard Parish and includes four bridges across the 40 Arpent Canal. The project is currently under construction.			
2010	<b>St. John Eastbank Levee Trail – Multiple projects</b> The levee trail extends from the St. John/St. Charles parish line to the St. Charles/St. James line. As a project engineer, Mr. Klare worked on approximately seven miles of this 14-mile asphalt trail, about 14 miles. Construction was completed in phases from 2011-2020.			
2016	<b>City of Lafitte Sidewalks</b> Mr. Klare was the project engineer for two projects adding concrete sidewalks around downtown Lafitte. This urban project increased connectivity between critical economic corridors in the Town of Lafitte, providing safe passage for pedestrians as well as recreational value. Construction was completed in 2017.			
2013 to July 2023	<b>Project Engineer-Meyer Engineers, Ltd.</b> Mr. Klare worked on various public and private projects, designing roadways, sidewalks, foundations, and drainage infrastructure. He also performed site and minor structural design. His projects include the LA 59 Realignment and Tammany Trace Tunnel (LADOTD), the Northeast Louisiana Veterans Cemetery, the S Galvez Street Full Reconstruction (New Orleans) and the Port of South Louisiana Administration Building (St. John the Baptist Parish). Mr. Klare drafted plans and technical specifications, obtained regulatory permits and approval, including LADOTD, USACE, CUP, Mississippi River Levee Districts, Fire Marshal, and municipal Planning and Zoning. He also prepared cost estimates, project timelines, project scopes, contracts.			

01/23 – Current	<p><b>Construction Management and Estimating Services for Nashville Wharf A Substructure Repairs, Phase 2, Port of New Orleans</b>  Project Engineer responsible for assisting the project manager with construction management services including cost estimating, constructability reviews, document control, field representation, and supporting Port NOLA with project close out for the repair of the substructure of the Nashville Wharf “A” facility located on the Mississippi River in New Orleans, LA. The existing wharf was constructed in 1960 and 1961 and is approximately 2,400 linear feet long and 214 feet wide and supported by approximately 5,371 steel piles.</p>
10/20 - Ongoing	<p><b>Roadway Restoration for Bayou St. John, Fairgrounds, and Seventh Ward Group B Roads – New Orleans, LA</b>  Project Engineer responsible for providing construction administration, and construction management for the City of New Orleans Department of Public Works. Mr. Klare works with the project manager to provide field management of the contractor and all construction activities, including conducting progress meetings, dealing with resident complaints, review and recommending for approval of monthly pay estimates, assisting in field adjustments, and using knowledge and experience in civil construction to ensure the project remains on schedule and budget.</p>

Firm employed by: Royal Engineers and Consultants				
Name	Katherine Foreman, PE		Years of relevant experience with this employer	7
Title	Professional Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2017 / Civil Engineering		
Active registration number / state / expiration date		46031 / LA / 3-31-2024		
Year registered	2021	Discipline	Professional Engineer, Civil	
Contract role(s) / brief description of responsibilities		Lead Design Civil Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
7 years of experience	<p>Ms. Foreman has 7 years of experience in civil engineering design and construction management on project types including storm drainage systems, asphalt and concrete road design, sidewalks, potable water distribution systems, gravity sewer systems, flood control structures, commercial and residential site design, foundation design, and retaining walls. Her expertise includes familiarity with DOTD design manuals and specifications, ADA requirements, and AASHTO standards and the use of various software packages for H and H design and analysis such as HEC-HMS, HEC-RAS, DOTD HYDR programs, HY8, and Autodesk Storm and Sanitary Analysis. Ms. Foreman has significant experience preparing plans and specifications to in accordance with DOTD standards.</p> <p><b>Certifications: Traffic Control Supervisor and Traffic Control Technician</b></p>			
05/2023 - Ongoing	<p><b>H.015009 W. Metairie Avenue Over S. Suburban Canal Off System Bridge – Jefferson Parish, LA</b>  Project Manager for DOTD Off-System Bridge (OSBR) replacement of an existing slab span bridge located in an urban area of Jefferson Parish. Ms. Foreman’s responsibilities include managing all aspects of design and client relations, overseeing plan production in accordance with the Off-System Highway Bridge Program Guidelines, leading the hydraulic analysis and design for all viable alternatives for the bridge replacement in accordance with the DOTD Hydraulics Manual, and coordinating survey efforts. Services provided by Royal include topographic and boundary survey, preliminary plan production, right-of-way agreements and sketches, and environmental services including solicitation of views, categorical exclusion clearance, wetland studies, and other information needed for the Environmental Clearance process.</p>			
08/15 - 01/22	<p><b>H.013443 Iberia Street Sidewalk – Youngsville, LA</b>  Civil/Hydraulic Engineer on team providing engineering design and engineering services during construction for the DOTD TAP- funded project involving installation of RCP drainage piping within the existing roadside ditches; a 6' wide concrete sidewalk, including two pedestrian bridges crossing waterways on the south side of Iberia St. from School St. to Sugar Mill Pond Subdivision allowing for greater interconnectivity of pedestrian travel. Responsibilities included design support; performing routine site visits; providing construction management/administration, and engineering support during construction, including utility coordination and responding to requests for information on elevation of pedestrian bridge.</p>			

12/17 - 02/22	<p><b>Camellia: Settlers Trace Turn Lane – Lafayette, LA</b> Civil/Hydraulic Engineer on team providing engineering services to the LCG for the design of a dedicated right-turn lane and second left-turn lane at the intersection of Camellia Boulevard and Settlers Trace Boulevard. Services include preparing plans and specifications for project construction, performing engineering design and analyses for the widening of the concrete roadway, evaluation of the existing drainage infrastructure, and identifying required modifications to the existing drainage system. Responsibilities included design support; performing routine site visits; providing construction management/ administration, and engineering support during construction, including utility coordination, surveyor coordination; schedule coordination with contractor; facilitation set of on-site job shack; client coordination; lab testing coordination; coordination of traffic control operations and compliance with traffic control plan, and overseeing resident inspection services throughout construction.</p>
08/15 - 11/21	<p><b>Polly Lane Extension – Lafayette, LA</b> Civil/Hydraulic Engineer responsible for performing engineering design services and construction management for the extension and connection of both existing dead-end streets of Polly Lane, inclusive of roadway reconstruction and widening to its existing section at Verot School Road. The approximate length of the new roadway is 1,080 linear feet and the length of improvements to existing roadway is 930 linear feet. The roadway extension/connection consists of a 2-lane asphaltic concrete roadway, a 32 ft diameter reinforced Class A concrete roundabout, curb and gutter and subsurface drainage, a concrete box culvert over Issac Verot Coulee Lateral 7, sidewalks, and lighting. As Engineer Intern, Ms. Foreman was responsible for performing engineering analyses for design of the storm drainage system, preparation of and revisions to construction documents, performing routine site visits, providing construction management/administration, and engineering support during construction, and overseeing resident inspection services throughout construction. As Project Manager, Ms. Foreman was responsible for invoicing, deliverables, scheduling, resourcing, and client coordination.</p>
06/15 - 06/17	<p><b>Détente Road Rehabilitation – Youngsville, LA</b> Engineer Intern on team providing design, bidding and construction management services for the rehabilitation of Détente Road, consisting of mill &amp; overlay of asphaltic pavement including asphaltic pavement patching. Responsibilities included coordination of testing laboratory requirements and support with change orders and work change directives related to additional locations.</p>
02/15 - Ongoing	<p><b>Missouri Street at Corinne Canal – St. Bernard Parish, LA</b> Civil/Hydraulic Engineer on the Royal team contracted by St. Bernard Parish Government (SBPG) to provide Engineering Services for repairs, restorations and/or replacement of Parish owned roadway and bridges to their Pre-Katrina condition while preserving the historical value and intent of each facility and Engineering Services for replacement of 6 existing culverts with precast Con-Span structures. PW 19332, Missouri @ Corrine Bridge consisted of a Hazard Mitigation project to replace the preexisting two – 60” corrugated metal pipe culverts with a 26’-0” wide 72’-0” long clear span, precast concrete structure. Ms. Foreman was responsible for hydraulic analysis, site layout and grading, foundation design, wingwall design, and coordinating development of plans. During construction, responsibilities include submittal reviews (pile loads and con-span wingwall).</p>
08/19 - 01/20	<p><b>Roadway Repairs – St. Gabriel, LA</b> Engineer Intern on team providing engineering design and engineering services during construction to mill and overlay four roadways including associated work to drive aprons and reconstruct one roadway including pavement removal, general excavation, soil cement, class II base course, asphaltic concrete pavement and associated work to drive aprons. Responsibilities included bid tabulation and recommendation for award.</p>

Firm employed by: Royal Engineers and Consultants				
Name	Carter O'Brien, PE		Years of relevant experience with this employer	5
Title	Professional Engineer		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			BS / 2013 / Civil Engineering	
Active registration number/state/expiration date			43647 / LA / 3-31-2024	
Year Registered	2019	Discipline	Professional Engineer, Civil	
Contract role(s) / brief description of responsibilities			Civil Engineering Design/Constructability Review	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11 Years of Experience	Mr. O'Brien is an Engineer with over 10 years of heavy civil, roadway, drainage, and bridge construction experience. Mr. O'Brien has managed field operations, inspectors, project documentation, and closeout on numerous projects. He has completed road restoration and reconstruction projects for DOTD, FEMA, and other local agencies. He has extensively worked in asphalt paving, PCCP, catch basins, drainage, and sidewalk projects. Mr. O'Brien has significant experience preparing plans and specifications in accordance with DOTD standards. <b>Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger</b>			
10/20 - Ongoing	<b>Roadway Restoration for Bayou St. John, Fairgrounds, and Seventh Ward Group B Roads – New Orleans, LA</b> Project Engineer responsible for providing construction administration, construction management, and resident inspection services for the City of New Orleans Department of Public Works. Mr. O'Brien provided field management of the contractor and all construction activities, including conducting progress meetings, dealing with resident complaints, review and recommending for approval of monthly pay estimates, assisting in field adjustments, and using knowledge and experience in civil construction to ensure the project remained on schedule and budget.			
04/18 - 02/20	<b>St. Gabriel Roadway Repair: Phase 5 – St. Gabriel, LA</b> Construction Manager on the Royal team contracted by the City of St. Gabriel to provide Construction Management and Engineering Services for the restoration of four roadways and the full reconstruction of one roadway. This project's scope consisted of cold planing of existing asphalt, Lime and Soil cement treatments, asphalt binder and wearing overlay. Mr. O'Brien performed construction management responsibilities during the Construction phase, assisted in design alterations during construction, and produced as-built drawings for post-construction closeout.			
10/22 – Current	<b>Construction Management Services for Jourdan Rd Wharf Terminal Substructure Repairs, Port of New Orleans</b> Project Manager responsible for providing construction management services, including constructability reviews, document control, field representation, supporting Port NOLA with project close out for the repair of the substructure of the wharf at the Jourdan Road Terminal on the Gulf Intracoastal Waterway in New Orleans. The existing wharf is more than 40 years old, measures 1,400 linear feet long by 265 feet wide consisting of pre-cast and cast- in-place deck elements supported by 2,000 open-ended steel pipe piles which are 14” and 16” in diameter with a 3/8” wall thickness and contain a fibrous jacket on the top 6 to 8 feet known to contain asbestos. The delivery method for the project is Construction Management at Risk (CMAR).			



01/23 – Current	<p><b>Construction Management and Estimating Services for Nashville Wharf A Substructure Repairs, Phase 2, Port of New Orleans</b>  Project manager responsible for providing construction management services including cost estimating, constructability reviews, document control, field representation, and supporting Port NOLA with project close out for the repair of the substructure of the Nashville Wharf “A” facility located on the Mississippi River in New Orleans, LA. The existing wharf was constructed in 1960 and 1961 and is approximately 2,400 linear feet long and 214 feet wide and supported by approximately 5,371 steel piles. The steel pile type varies throughout the structure. The delivery method for the project is Construction Management at Risk (CMAR).</p>
06/17 - 08/20	<p><b>Sales Tax Street and Road Rehabilitation Program – East Baton Rouge Parish, LA</b>  Mr. O'Brien assisted the Project Engineer for this project which began in 1990. Mr. O'Brien provided oversight of inspectors, developed plans and quantities for upcoming projects, handled partial estimates and change orders and assisted the project engineer on project administration for the past 5 years. These projects include a variety of rehabilitation jobs; PPC paving patching, asphalt patching, asphaltic concrete overlay, crack sealing and full reconstruction including soil cement. Mr. O'Brien has served as Engineer on the following projects: 14-09 Winbourne Ave, 14-15 Crack Sealing, 15-01 Carrington Place, 15-02 / H.010648 Acadian Thruway Project, 15-03 Santa Maria, 15-04 Magnolia Trace &amp; Shadows of White Oak, 15-05 Brookstown, 15-06 / H.010650 OLOL Project, 15-07 Old Perkins Barringer Foreman, 15-08 Woodale &amp; Lobdell, 15-09 Pearirs Road &amp; Comite Drive, 15-10 Crack Sealing, 15-11 PCC Partial Depth Patching, 15-12 Stumberg, 16-01 / H.011364 Goodwood Blvd., 16-02 / H.011363 Sherwood Blvd., 16-03 Sherwood Forest Streets, 16-04 Dalrymple, 16-05 Bluebonnet and Nicholson, 16-06 Arbor Walk, 16-07 Choctaw, Prescott and Airway, 16-09 Goodwood and Sherwood Forest, 16-10 / H.011842 Chocktaw Drive Pavement Preservation. (DPW Project No. 15-CEST-0001)</p>
01/19 - 08/19	<p><b>I-10 Widening, LA 347 to Atchafalaya Floodway Bridge Route</b>  As an EIT for this 3.436-mile, \$52 million project to widen the westbound lanes of I-10, including total reconstruction of the existing lanes both east and westbound and widening of four structures in St. Martin, Parish, Mr. O'Brien was responsible for Critical Path Method (CPM) schedule review.</p>
08/14 - 08/16	<p><b>H.003432 / US-51 Business Roundabouts – Hammond, LA</b>  Senior Field Engineer responsible for problem identification and resolution in the field. This included preparing, designing, submitting, and revising concrete and asphalt mix designs in accordance with the project plans and specifications. Mr. O'Brien updated the CPM schedule each month, prepared as-built plans during construction to reflect in-field changes, and performed traffic control design during construction. He submitted numerous traffic control plans during construction phase changes and ensured the TC plans were in accordance with the MUTCD. Various drainage structures had to be altered to accommodate in-field conflicts, for which Mr. O'Brien calculated the slope, made drainage structure drawing adjustments, and ensured all changed structures met the project specifications. In addition, he was responsible for OSHA-compliant safety measures being exercised in the field; surveying; and change order management and quality control on all project materials including asphalt density testing, base density testing, concrete cylinders, soil cement densities and striping reflectivity testing.</p>



Firm employed by: Royal Engineers and Consultants				
Name	DeWain Butler		Years of relevant experience with this employer	1
Title	Lead Technician		Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization		Formal training in AutoCAD, AutoCAD Map 3D, and Civil 3D		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	Drafting and Design	
Contract role(s) / brief description of responsibilities		Drafting		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/23-Ongoing	<p><b>Naval Air Station Joint Reserve Base New Orleans, NAVFAC P526U Visitor Control Center and Commercial Inspection Facilities, Belle Chasse, LA</b></p> <p>Role: Drafter/Designer. Contracted Services: Create, approve, and stamp, a design-build 100% for construction set of drawings/plans using all required UFC codes for a new visitor control center building, commercial vehicle inspection office, duress alarm system, overhead canopy for commercial vehicle inspection, signage, and LED lane control signal lights, elevated access control lane islands, permanent passive barriers, traffic control arms, traffic signalization, phasing to maintain existing operation levels, and all utilities and pavements. Responsibilities: Design drawings for all submittals.</p>			
10/22-Ongoing	<p><b>Parking Lot Design, Odessey House Louisiana, Inc., New Orleans, LA</b></p> <p>Role: Drafter/Designer. Contracted Services: Drafting construction drawings for the development of an approximately 7854 square foot lot to construct an accessory parking lot, including implementing a permeable pavement system to comply with City of New Orleans stormwater ordinance. Construction features include approximately 3552.8 SF of concrete paving, 2298.7 SF of permeable pavers, 2298.7 of 24” thick permeable paving base course, 239.9 LF of barrier curbing, 173.3 LF of perforated underdrain pipes, 105.7 LF of PVC drainage pipe, 2 drain inlets, and pavement striping to delineate parking spaces.. Responsibilities: Development of title sheet, general notes, existing and proposed site plans, grading and drainage plans, and details required for construction.</p>			
08/23-Ongoing	<p><b>H.015009 W. Metairie Avenue Over S. Suburban Canal Off System Bridge – Jefferson Parish, LA</b></p> <p>Role: Drafter/Designer for the DOTD Off-System Bridge (OSBR) replacement of an existing slab span bridge located in an urban area of Jefferson Parish.</p>			
08/23-Ongoing	<p><b>SBPG East Bank Sediment Transport Corridor – Hwy 15 Road Reconstruction and Canal Crossings – Plaquemines and St. Bernard Parishes, LA</b></p> <p>Role: Drafter/Designer for roadway horizontal alignment, canal crossing structures and sheetpile bulkhead systems, and design of roadway regrading and reconstruction to facilitate installation of a permanent pipeline casing adjacent to the Mississippi River Levee.</p>			
	<p><b>Various Clients, AutoCAD drafting and design services, Various locations in South Louisiana</b></p> <p>Role: AutoCAD Drafter/Designer. Contracted services: N/A; experience gained with previous employer. Responsibilities: Geotechnical plans and profiles, USACE permit maps; civil plans and profiles; civil sections; right-of-way maps; soil boring and CPT location maps; soil classification maps and wetland determination maps; potentiometric maps; land use maps; and cross sections.</p>			



Firm employed by: Royal Engineers and Consultants				
Name	William Fontenot, PE		Years of relevant experience with this employer	2
Title	Senior Engineer		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		BS / 2012 / Civil Engineering		
Active registration number / state / expiration date		41036 / LA / 3-31-2024		
Year registered	2016	Discipline	Professional Engineer, Civil	
Contract role(s) / brief description of responsibilities		Quality Assurance/Quality Control		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10 years of experience	Mr. Fontenot has more than nine years of experience in civil and structural engineering, construction consulting, and structural inspection and repair. He has performed on-site inspection of structural deficiencies of statewide projects and engineered safe, economic approaches to specific construction problems related to various heavy construction projects. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			
11/22 - Ongoing	<p><b>SBPG East Bank Sediment Transport Corridor – Hwy 15 Road Reconstruction and Canal Crossings – Plaquemines and St. Bernard Parishes, LA</b></p> <p>Civil/Structural Engineer responsible for designing canal crossing structures and sheetpile bulkhead systems, overseeing structural design of box culverts and retaining walls, and performing design reviews for the design of roadway regrading and reconstruction to facilitate installation of a permanent pipeline casing adjacent to the Mississippi River Levee. The permanent pipeline casing is required as part of a proposed corridor through Plaquemines and St. Bernard Parishes that would deliver dredged sediment from point bars within the Mississippi River to marsh creation areas within the Breton Sound.</p>			
10/21 - 04/22	<p><b>Camellia - Settlers Trace Turning Lane – Lafayette, LA</b></p> <p>Civil/Structural Engineer providing engineering services during construction for Lafayette Consolidated Government. Project features include a dedicated right turn lane and second left turn lane at the intersection of Camellia Boulevard and Settlers Trace Boulevard. Services consist of preparing plans and specifications for construction of the project and performing engineering design and analyses for widening of the concrete roadway, evaluation of the existing drainage infrastructure, and identifying required modifications to the existing drainage system. Additional project features include road striping, sidewalk relocation, and street lighting. Mr. Fontenot served as structural subject matter expert, completing re-design of the catch basin to accommodate changing project needs.</p>			
06/12 - 07/16	<p><b>H.002550 MacArthur Drive Interchange Completion – Jefferson Parish, LA</b></p> <p>As an Engineer Intern, Mr. Fontenot assisted with plan and elevation revision, performed quality checks of plans from other firms, designed curtain wall details, and designed overhead sign support addition. Tasks performed included: modification of existing geometric design of baseline for on/off ramps; detailed sections of roadway for graphical grade plans; used current design standards to detail and design curtain wall details for final plans; detailed and designed overhead sign support addition and layout for various locations throughout final design; proposed options for frontage road modifications and layout of roadway beneath bridge structure. Codes used included: AASHTO Roadside Design Guide, AISC Steel Construction Manual, ACI 318-11 Building Code Requirements for Structural Concrete, LADTOD Bridge Design Manual.</p>			




06/12 - 07/17	<p><b>In-Depth Bridge Inspection of Complex Structures – St. Landry Parish, LA</b></p> <p>As an Engineering Intern, Mr. Fontenot performed in-depth inspection of the deck, superstructure, and substructure of the approach spans on the Krotz Springs Bridge over the Atchafalaya River. In this role, Mr. Fontenot also coordinated meetings between the inspectors; coordinated equipment rentals and staffed personnel; performed bridge inspections; and provided assessment report of bridges including potential repair plans. Codes used included: PONTIS Inspection Manual.</p>
06/12 - 07/17	<p><b>H.003182 Inner Harbor Canal Bridge Rehabilitation – Algiers, LA</b></p> <p>As an Engineering Intern, Mr. Fontenot designed traffic control and signage including detour plans and assisted in quantity checks and details for Final Plans Tasks performed included: used as-built plans and CAD software to layout and design traffic control options and detour paths for temporary lane closure during construction efforts; applied LADOTD Standards for Traffic Management and Signage; and refined and checked rehabilitation details and plans for final submittal. Codes used included: MUTCD, LADOTD Traffic Control Standard Plans, AISC Steel Construction Manual, and ACI 318-11 Building Code Requirements for Structural Concrete.</p>
06/12-07/18	<p><b>I-10 Lake Pontchartrain Bridge Deck Patching &amp; Girder Painting – New Orleans, LA</b></p> <p>As an Engineering Intern, Mr. Fontenot performed field inspection of all bridges. Created Assessment Report. Designed traffic control and detour plans. Wrote TMP for final submittal. Prepared plans and details for repairs. Tasks performed included: planned for inspection and quantification of bridge deficiencies by preparing traffic control plans and reviewing previous inspection reports; used CAD software to develop detour plans and a TMP for the state's review; performed field inspection; compiled data from the field inspection to create an assessment report; and used as-built plans and current state standards to prepare and detail suggested repairs. Codes used included: MUTCD, LADOTD Traffic Control Standard Plans, AISC Steel Construction Manual, ACI 318-11 Building Code Requirements for Structural Concrete, AASHTO LRFD Bridge Design Specifications, and LADOTD Bridge Design Manual.</p>
10/16 - 08/17	<p><b>Yscloskey Vertical Lift Bridge Painting – St. Bernard Parish, LA</b></p> <p>As a Licensed Engineer, Mr. Fontenot assisted with design and details for a paint containment system, survey and geometric site layout of new operator house foundation, and phasing plans for different construction activities. Tasks Performed included: Site survey and layout using total station and automatic level, designed and detailed support system for paint containment, coordination of roadway and water-fairing traffic to optimize productivity during construction activities. Codes used included: AISC Steel Construction Manual, ACI 318-11 Building Code Requirements for Structural Concrete, DOTD Bridge Design Manual</p>
12/15 – 07/16	<p><b>Luling Bridge Deck Overlay and Repairs – St. Charles Parish, LA</b></p> <p>As an Engineer Intern, Mr. Fontenot revised original traffic control plans and diversion crossovers to expedite construction sequencing and feasibility. Updated drainage plan to match revised traffic control. Tasks Performed: geometric Design of Diversion Crossovers, hydraulic analysis of watershed area for new and existing drainage design, traffic control layout and phasing plans throughout the project, assisted construction efforts in the field using survey data and design plans, design of debris screen for sandblasting operations near adjacent traffic, quality control of final plans, quantification of cut/fill and roadway elements for cost estimates. Codes Used: AASHTO Roadside Design Guide, AISC Steel Construction Manual, ACI 318-11 Building Code Requirements for Structural Concrete, MUTCD, DOTD Traffic Control Standard Plans, AASHTO Guide Design Specifications for Bridge Temporary Works, DOTD Hydraulics Manual</p>

Firm employed by: Royal Engineers and Consultants				
Name	Beau Tate, PE		Years of relevant experience with this employer	14
Title	Senior Engineer		Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		BS /1998/ Civil Engineering		
Active registration number / state / expiration date		Professional Engineer, Civil: LA #30990 (Exp. 03/31/24)		
Year registered	2004	Discipline	Professional Engineer, Civil	
Contract role(s) / brief description of responsibilities		Quality Assurance/Quality Control		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
22 years of experience	Mr. Tate has 22 years of experience managing and delivering civil, coastal, and environmental projects for private and governmental organizations. His specific civil design project experience includes but is not limited to asphalt and concrete roadway design, materials testing, concrete repairs to existing parking lots and roadways, drainage design, utility infrastructure, and design per LADOTD and AASHTO design guidelines and specifications. Mr. Tate has successfully collaborated with various local, state and federal agencies such as, DOA/FP&C, OCD-DR, LADOTD, LDEQ, GOHSEP, FEMA, USACE, and USEPA.			
2021	<b>Polly Lane Extension, Lafayette, LA</b> Role: Project Manager and Lead Engineer. Contracted services: Design services for the extension and connection of both existing dead-end streets of Polly Lane, inclusive of roadway reconstruction and widening to its existing section to Verot School Road. The approximate length of the new roadway is 1,080 linear feet and the length of improvements to the existing roadway is 930 linear feet. Responsibilities: Design services and oversight.			
08/15-01/22	<b>IBERIA STREET SIDEWALK AND PEDESTRIAN BRIDGE DESIGN: Youngsville, LA.</b> Senior Engineer responsible for design, bidding, and construction management services for installing a new sidewalk and pedestrian bridge to promote walking and bicycle traffic in the community along Iberia Street in Youngsville. A cost analysis was performed on 3 variations of sidewalk (concrete, asphalt, and environmentally green rubberized sidewalk). Design services included a drainage analysis of the area to incorporate subsurface drainage into the system and the selected rubberized sidewalk and a pedestrian bridge. Plans and specifications were prepared in accordance with DOTD standards.			
12/17-02/22	<b>CAMELLIA/ SETTLERS TRACE TURN LANE: Lafayette, LA.</b> Senior Engineer on the team providing engineering services to the Lafayette Consolidated Government for designing a dedicated right turn lane and second left turn lane at the intersection of Camellia Boulevard and Settlers Trace Boulevard. Services consist of preparing plans and specifications for construction of the project and performing engineering design and analyses for widening of the concrete roadway, evaluation of the existing drainage infrastructure, and identifying required modifications to the existing drainage system. Additional project features include road striping, sidewalk relocation, and street lighting.			
12/15-11/21	<b>ST. BERNARD HMP CANAL CROSSINGS: St. Bernard Parish, LA.</b> Design Engineer responsible for an evaluation of the hydraulic capacities of existing culvert structures located within the drainage canals of St. Bernard Parish, Louisiana. Mr. Tate assisted in performing hydraulic calculations for these structures based on the same open-channel flow principles used by software suites such as the EPA SWMM model and HEC-RAS. Mr. Tate also assisted with calculations for the appropriate sizing of replacement arched bridge structures at these locations and corresponding preliminary concept drawings.			

Firm employed by: Royal Engineers and Consultants				
Name	Cassidy Melancon, EI		Years of relevant experience with this employer	1
Title	Design Engineer		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		BS /2020/Civil Engineering		
Active registration number / state / expiration date		Civil Engineering / State of Louisiana/ Engineer Intern 0034626/03-31 -2025		
Year registered	2020	Discipline	Engineer Intern, Civil	
Contract role(s) / brief description of responsibilities		Roadway and Hydraulic Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10/22-01/23	<p><b>Odyssey House Parking Lot Design, New Orleans, LA</b>            Engineer Intern responsible for development of design plans for an approximately 7854 square foot lot for the construction of an accessory parking lot including implementation of permeable pavement system to comply with City of New Orleans stormwater ordinances. Design tasks included preparing site grading plans, concrete joint layout, and performing pre- and post- development drainage calculations. Construction features include approximately 3552.8 SF of concrete paving, 2298.7 SF of permeable pavers, 2298.7 of 24” thick permeable paving base course, 239.9 LF of barrier curbing, 173.3 LF of perforated underdrain pipes, 105.7 LF of PVC drainage pipe, 2 drain inlets, and pavement striping to delineate parking spaces.</p>			
11/22-Present	<p><b>Jefferson Davis Electric Cooperative, Disaster Recovery PM Services, Cameron Parish</b>            Relevant Service Lines: Civil Engineering / Construction Management / Project Management / Coastal Services / Disaster Recovery Services / Architecture Services. Engineer Intern responsible for conceptual design of guardrails for installation of 230kV Transmission Line System Loop. Tasks included determining clear zone requirements, the necessity of guardrails, and preliminary guardrail lengths of need at locations of all proposed power poles within the DOTD Right-of-Way. Analysis included measurement of offsets distances, side slopes, and identification of site-specific features such as ditches and wetland areas for over 300 power poles throughout the system utilizing aerial imagery, topographic survey data, and the Transmission Line design drawings.</p>			
11/22-Present	<p><b>NAVFAC P526U P529U, VCC and Inspection Facility AE, Location: Belle Chasse, LA</b>            Project Role: Engineer Intern responsible for civil design of site grading, roadway vertical alignment, and stormwater analysis and design in accordance with UFC, AASHTO, DOTD, and Military design standards. Contracted services include architectural, structural, and civil design services for a design-build project to construct a new entry control facility including a Visitor Control Center, Commercial Vehicle Inspection station, commercial roadway, and associated site infrastructure for the Naval Air Station Joint Reserve Base (NAS JRB) in Belle Chasse, LA. Additional project features include a duress alarm system, overhead canopy for commercial vehicle inspection, signage, LED lane control signal lights, elevated access control lane islands, permanent passive barriers, traffic control arms, traffic signalization, phasing to maintain existing operation levels, and all utilities and pavements.</p>			



11/22-Present	<p><b>SBPG East Bank Sediment Transport Corridor – Highway 15 Road Reconstruction, Plaquemines Parish, LA</b></p> <p>Engineer Intern responsible for roadway horizontal alignment, structural design of box culverts and retaining walls, guardrail design, temporary traffic control plans, and preparing quantity takes and cost estimates for the design of roadway regrading and reconstruction to facilitate installation of a permanent pipeline casing adjacent to the Mississippi River Levee. The permanent pipeline casing is required as part of a proposed corridor through Plaquemines and St. Bernard Parishes that would deliver dredged sediment from point bars within the Mississippi River to marsh creation areas within the Breton Sound.</p>
2018	<p><b>Various Projects Prior to Royal</b></p> <p>Structures: Designed multiple steel structures of varying sizes and functionality and corresponding concrete foundations, calculated design loads based on the intended function each proposed structure.</p> <p>Drainage: Calculated surface runoff in areas where improvement was needed and designed multiple drainage systems, designed a simple pipe-flow system and calculated the corresponding velocities and losses.</p> <p>Project Management: Estimated quantities and material costs to support budgeting and costing of large-scale projects, conducted multiple site visits to ensure that projects were designed accurately and on track</p>

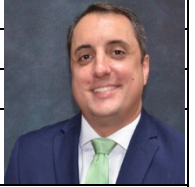
Firm employed by: Royal Engineers and Consultants					
Name	Brennon Bourgeois, EI		Years of relevant experience with this employer	2	
Title	Design Engineer		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization		BS / 2021 / Civil Engineering			
Active registration number / state / expiration date		34870 / LA / 9-30-2023			
Year registered	2021	Discipline	Engineer Intern, Civil		
Contract role(s) / brief description of responsibilities		Roadway and Hydraulic Design			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
02/01-Ongoing	<p><b>Indian Creek Low Water Crossing, Fort Polk, LA</b>            Engineer Intern for the Royal team providing engineering services to design a new roadway low water crossing structure and to design repairs to the existing Sagebrush Road. Mr. Bourgeois’ responsibilities include supporting the design team by assisting with various design tasks involving the horizontal geometric design, watershed delineation and Hydraulic Modeling, culvert sizing, and development of plans and specifications. Mr. Bourgeois’ tasks have included: (1) H&amp;H calcs per DOTD hydraulics manual, (2) writing specifications, (3) assistance with the SWPPP submittal, and (4) gathering and compiling typical details.</p>				
2/21-02/22	<p><b>Camellia-Settlers Trace Turn Lane, Lafayette, LA</b>            Engineer Intern on the team providing engineering services to the Lafayette Consolidated Government for designing a dedicated right turn lane and second left turn lane at the intersection of Camellia Boulevard and Settlers Trace Boulevard. Services consist of preparing plans and specifications for the construction of the project and performing engineering design and analyses for widening of the concrete roadway, evaluation of the existing drainage infrastructure, and identifying required modifications to the existing drainage system. Additional project features include road striping, sidewalk relocation, and street lighting. Mr. Bourgeois was responsible for providing construction administration and engineering support to the Project Engineer/Project Manager through the project's construction phase. Specific tasks included reviewing and managing pre-construction submittals, reviewing and managing Daily Inspection Reports and Materials Testing reports, tracking material/ construction quantities and labor hours, reviewing contractor and inspector pay applications, and site visits.</p>				
02/21-10/21	<p><b>Polly Lane Extension, Lafayette, LA</b>            Engineer Intern responsible for construction management support during construction for the extension and connection of both existing dead-end streets of Polly Lane, including roadway reconstruction and widening to its existing section at Verot School Road. The approximate length of the new roadway is 1,080 linear feet and the length of improvements to the existing roadway is 930 linear feet. The roadway extension/connection consists of a 2-lane asphaltic concrete roadway with curb and gutter and subsurface drainage, a concrete box culvert over Isaac Verot Coulee Lateral 7, sidewalks, and lighting. Mr. Bourgeois provided construction administration support to the Project Engineer and Project Manager during the project's construction phase. Specific tasks included review and management of Daily Inspection Reports and Materials Testing reports, tracking material/construction quantities and labor hours, and reviewing contractor and inspector pay applications.</p>				


02/21-Ongoing	<p><b>CNO Street Repair—Leontine, Valmont, Camp and Chestnut Streets, New Orleans, LA</b>  Engineer Intern on the team providing Engineering Design and Construction Administration Services for the City of New Orleans for roadway enhancement and full reconstruction of streets and utilities in a portion of the Uptown neighborhood of New Orleans, Louisiana. Royal provided main line drainage design, water line replacement design, and sewer line replacement design for portions of Camp Street, Leontine St., Valmont St., Coliseum St., and Chestnut St. in accordance with the New Orleans Department of Public Works and New Orleans Sewerage and Water Board requirements. Mr. Bourgeois was responsible for supporting the design team by assisting with various tasks involving the plan review concerning utility conflicts and ensuring all comments were addressed.</p>
02/21-Ongoing	<p><b>Jeff Davis Electric Co-op (JDEC) Hurricanes Laura and Delta Recovery, Cameron and Jefferson Davis Parishes, LA</b>  Project Engineer for JDEC Recovery Support Services activated within less than 24 hours of Hurricane Laura and Delta. Mr. Bourgeois' tasks included: (1) Plan development for the pavement Restoration project at Chennault Airport which consisted of developing plan views and details for removal and replacement of areas with severely spalled concrete pavement. (2) Writing Scope of Works for temporary and permanent construction performed on JDEC's substation facilities, transmission lines, and distribution lines. (3) Preliminary research of FEMA design standards for the construction of new 230kV substations in a coastal flood zone.</p>




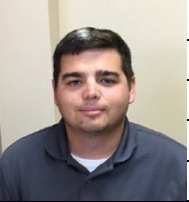
Firm employed by: Royal Engineers and Consultants				
Name	Laudun Landry, PE		Years of relevant experience with this employer	1
Title	Design Engineer		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		BS / 2017 / Civil Engineering		
Active registration number / state / expiration date		Civil Engineering / State of Louisiana/ Engineer Intern 0034626/03-31 -2025		
Year registered	2021	Discipline	Professional Engineer, Civil	
Contract role(s) / brief description of responsibilities		Roadway Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
7 years of experience	Mr. Landry was previously employed with the DOTD, where he was involved in engineering design of bridge structures and reviewing engineering plans and specifications on consultant projects. His experience includes acting as Engineer of Record (H.001666), Bridge Task Manager (H.012031, H.012535, H.014672, H.014323, H.012071, H.014591, H.002337, H.011993), and Design Engineer on various DOTD projects			
03/22-Ongoing	<b>Cameron-Creole Maintenance Project (CS-04A) – Cameron Parish, LA</b> Civil/Structural design engineer on the Royal project team responsible for all engineering, design, surveying, permitting, and construction administration and oversight services necessary for the maintenance/repair work to the Cameron-Creole Maintenance Project (CS-04A) damaged by Hurricane Laura. Features include: (1) Mangrove Bayou: Water Control Structure and Interior Canal Plug, (2) Grand Bayou: Water Control Structure, Interior Canal Plug, and Levee Breach, (3) Lambert Bayou: Water Control Structure and Levee Breach, and (4) No Name Bayou: Water Control Structure and Levee Breach. General repair activities include excavation and dredging of siltation and debris, placement of hauled in fill materials and rip rap, installation of sheet pile wall structures, and mechanical repairs to existing structures. Mr. Landry performs structural engineering services for Final Design and serves on the Red Team Review panel.			
09/20-03/22	<b>H.001666 Dorcheat Bayou Bridge Replacements – Webster Parish, LA (Project experience while employed at DOTD)</b> Civil/Bridge Engineer of Record. This project included engineering to design four replacement bridges on LA 160. The bridges were simple slab span bridges. The project scope included coordination with the road design team to bring the route up to current code, including guard rail design, and alignment adjustments.			
09/20-03/22	<b>H.002264 LA 302: Bayou Baratavia MB Replacement – Jefferson Parish, LA (Project experience while employed at DOTD)</b> Civil/Structural Design Engineer. This project included the engineering design of a mechanical bridge to replace the existing swing span bridge. Responsible for the structural design and detailing of the replacement bridge’s operator house.			
09/20-03/22	<b>Sunshine Bridge Pier 4 Fender Repair – Donaldsonville, LA (Project experience while employed at DOTD)</b> Civil/Bridge Engineer. Project goal was to repair the pier protection fender system on pier 4 of the Sunshine bridge. The existing fender system had been damaged from multiple barge impacts. Responsibilities included reviewing submitted plans and specifications to ensure the designed repair met the requirements of the initial pier protection design and current design standards and practice			
09/20-03/22	<b>H.014323 I-10: Miss River BR Fender Rep. (Pier 6) – East Baton Rouge Parish, LA (Project experience while employed at DOTD)</b> Bridge Engineering task Manager for the rehabilitation / repair of Mississippi River bridge fenders for Pier 6. Mr. Landry’s responsibilities included review of plans and specifications to ensure the new repair met the requirements set forth by the original design.			

Firm employed by: T. Baker Smith				
Name	Jean Reulet, III, PLS		Years of relevant experience with this employer	2
Title	Managing Partner		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		Bachelor of Science / 2011 / Geomatics		
Active registration number / state / expiration date		Professional Civil Engineering – 35109/ LA/ 9-30-2024 Professional Land Surveyor – 5042/ LA/ 9-30-2024		
Year registered	2015	Discipline	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities		Survey Lead and MPR 4		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/22 – 08/22 *	<b>H.009892 LDRR (New Iberia) US 90 Frontage Rd (LA 329)</b> - Sr. Project Manager Responsible for Topographic survey, field crew coordination, surface generation and development of existing drainage map for the extension of the US 90 Frontage Road in New Iberia, Louisiana.			
07/21 – Ongoing	<b>Contract 4400019336 – Rural Bridge Replacement Initiative Phase 2 (40 bridge structures), Districts 04 &amp; 05 (LADOTD) – Project Surveyor.</b> Coordinated field crews, processed data daily, and provided QA/QC of deliverables. TBS performed control, topographic, and right of way surveys for the replacement of 40 bridge structures in northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side and surrounding terrain to ensure proper tie into existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed, quality checked, and coordinated with in-house engineers designing the replacement bridges. Property surveys of affected tracts of land were also surveyed for any takings or servitudes, and these lines portrayed on Right of way maps.			
03/17 – 04/18 *	<b>H.004987 US 190 Collins Blvd. Widening</b> - Sr. Project Manager; Responsible for Topographic survey, field crew coordination and project QAQC for widening a 3 mile portion of US 190 in Covington, LA. DTM width was approximately 300ft.			
04/15 – 04/16 *	<b>H.011298 US 90 Captain Cade to Ambassador Caffery Frontage Road, LADOTD, Lafayette, St. Martin, and Iberia Parishes, LA</b> - Project Manager/Field Crew Manager. Responsible for topographic survey alongside a proposed route along the East and West side of US 90.			
02/15 – 04/16 *	<b>H.011137 &amp; H.011152 I-12 (LA 21 to US 190) &amp; I-12 (US 190 to LA 59), St. Tammany Parish, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey.			
10/13 – 05/14 *	<b>H.004932 Interchange for US 90 and LA 318, LADOTD, St. Mary Parish, LA</b> - Party Chief. Responsible for topographic survey along LA 318 and US 90.			
*Previous Employer				



Firm employed by: T. Baker Smith					
Name	Laramey Leet		Years of relevant experience with this employer	7	
Title	Party Chief Lead		Years of relevant experience with other employer(s)	10	
Degree(s) / Years / Specialization		N/A			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/		
Contract role(s) / brief description of responsibilities			Survey Party Chief		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
17 years of Experience	Laramey Leet has extensive experience with LADOTD projects and is very familiar with LADOTD Location and Survey procedures for control, location, traverse and cross sections. He is very experienced with LADOTD coding procedures and the development of survey surfaces for design. Laramey’s project experience includes boundary, topographic and construction staking for roadways, bridges, subdivisions and municipal projects. He is familiar with roadway alignment properties used in developing topographic surveys for LADOTD. Laramey is experienced with static, rapid static, kinematic and real-time kinematic GPS surveying and surveys utilizing conventional and robotic total stations.				
05/21 – Ongoing	<b>Contract 4400019336 – Rural Bridge Replacement Initiative Phase 2 (40 bridge structures), Districts 04 &amp; 05 (LADOTD) – Survey Crew Party Chief</b> , Performed topographic surveys, SUE designation surveys, and GPS Control of 40 bridge replacement projects for LADOTD. Survey included approximately 2000’ of roadway cross sections, 500’ of stream cross sections, and a detailed bridge survey and sketch.				
07/20 – Ongoing	<b>Contract 44-17598 – Rural Bridge Replacement Initiative Phase I (47 bridge structures), Districts 04, 05, 08, 58 (LADOTD) – Survey Crew Part Chief</b> , Performed topographic surveys, SUE designation surveys, and GPS Control of 47 bridge replacement projects for LADOTD. Survey included approximately 2000’ of roadway cross sections, 500’ of stream cross sections, and a detailed bridge survey and sketch.				
10/17 – 11/22	<b>S.P. No. H.006457, Parker Road and PR 929 Roundabout, Ascension Parish, LA (Ascension Parish Government/LADOTD) – SUE Party Chief</b> . Performed field location of all SUE Level B designations and Level A locations for a 4-legged roundabout in Prairieville, LA, including nearly 35,000 linear feet of utilities and 20 Level A test holes on pipelines and water mains.				
02/15 – 04/16	<b>H.011137 &amp; H.011152 I-12 Widening (US 190 to LA 59), LADOTD, St. Tammany Parish, LA – Party Chief</b> . Topographic survey of boring locations. Performed staking and topographic surveys of boring locations for roadway and bridge borings along I-12 for a 4-mile F-3 Interstate widening project.				
12/16 – 03/17	<b>S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), LADOTD, St. Tammany Parish, LA – Survey Crew Party Chief</b> . Performed property surveys along 101 parcels through virgin terrain for the 5.5-mile roadway project. H.014322, Centurion over Drainage Bayou, LADOTD, East Baton Rouge Parish, LA.				
09/16 – 10/16	<b>S.P. H.012699, LA 10/Beaver Branch Bridge, St. Helena Parish, LA (LADOTD) – Survey Crew Party Chief</b> . Topographic survey. Emergency Project – Performed topographic and control surveys using robotic total station and GPS for emergency bridge replacement project in accordance with all LADOTD procedures - deliverables transmitted within 9 days from NTP.				

Firm employed by: T. Baker Smith					
Name	Branden Kinnaird		Years of relevant experience with this employer	1	
Title	Party Chief		Years of relevant experience with other employer(s)	4	
Degree(s) / Years / Specialization		N/A			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Survey Field Crew/Survey Technician			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
Five years of experience	Branden Kinnaird has extensive experience performing surveys according to the LADOTD Location and Survey Manual. He thoroughly understands LADOTD feature coding, control setting procedures, and data collection methodology. Branden has utilized conventional surveying equipment, Real-Time Kinematic GPS equipment, and terrestrial LIDAR for field data collection. In addition to his topographic survey experience, Branden is very familiar with boundary surveying principles and procedures. He has been involved in projects on the state and local levels and for private clients.				
05/21 – Ongoing	<b>Contract 4400019336 – Rural Bridge Replacement Initiative Phase 2 (40 bridge structures), Districts 04 &amp; 05 (LADOTD) – Topographic Survey</b> Survey Crew-Party Chief. Control Establishment, Topographic Survey Data Collection.				
03/21 – 06/21 *	<b>H.010885: LA 91: Bayou Plaquemine Brule Br Replace – Topographic Survey</b> – Survey Crew Party Chief – Control Establishment, Topographic Survey Data Collection.				
04/20 – 11/20 *	<b>H.000688: US 11 Norfolk Southern RR Overpass (HBI) – Topographic Survey</b> - Survey Crew Party Chief – Control Establishment, Topographic Survey Data Collection.				
06/19 – 08/19 *	<b>H.004791: LA 23: Belle Chasse Bridge &amp; Tunnel (HBI) – Topographic Survey</b> – Survey Crew Party Chief – Control Establishment, Topographic Survey Data Collection.				
04/19 – 04/19 *	<b>H.005121 I-10 to LA 1 Connector, Topographic Survey</b> – Survey Crew Party Chief. Control Establishment, Topographic Survey Data Collection.				
01/19 – 04/19 *	<b>H.012735: LA 182 Barrow St. Bridge – Topographic Survey</b> – Survey Crew Party Chief – Control Establishment, Topographic Survey Data Collection.				
10/18 – 04/19 *	<b>H.012591: I-10 Paris Road – Lake Pontchartrain – Topographic Survey</b> - Survey Crew Party Chief – Control Establishment, Topographic Survey Data Collection, Mobile LiDAR Scanning				
05/18 – 12/18 *	<b>H.011670 Loyola Interchange Improvement, Topographic Survey</b> – Survey Crew Party Chief. Control Establishment, Topographic Survey Data Collection.				
03/17 – 04/18 *	<b>H.004987: US 190 Collins Blvd. Widening – Topographic Survey</b> – Survey Crew Party Chief – Control Establishment, Topographic Survey Data Collection				
*Previous Employer					

Firm employed by: T. Baker Smith					
Name	Ryan DiSalvo, LSI		Years of relevant experience with this employer	6	
Title	Survey Field Crew /Inspector		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization		Bachelor of Science / 2019 / Geomatics			
Active registration number / state / expiration date		LSI.0000701 / Louisiana / 03.31.2024			
Year registered	2019	Discipline	Professional Land Surveyor Technician		
Contract role(s) / brief description of responsibilities		Field Crew/Survey Technician			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
Six years of experience	Ryan DiSalvo is licensed as a Land Surveying Intern in Louisiana. He is primarily responsible for providing technical support to the survey supervisor by calculating, analyzing, organizing, coordinating, and researching information, preparing drawings, and generally providing the necessary CAD support to complete the survey.				
02/23 – 03/23	<b>Kenner Discovery Sidewalks, City of Kenner</b> – Survey Technician. Provided technical survey support for constructing a concrete sidewalk around the Kenner Discovery Health Sciences Academy.				
11/22	<b>COC - N. Columbia St. Bridge Replacement</b> – Survey Technician. Provided technical survey support.				
08/22 – 01/23	<b>MA-22-01, LA 73 Bluff Rd Roundabout, Ascension Parish</b> – Survey Technician. Data processing using Microstation/Inroads and DOTD coding for topographic surveys.				
07/22 – 05/23	<b>MA-17-01, Roddy Road @ LA 621 Roundabout, Ascension Parish</b> – Survey Technician. Provided technical survey support for topographic surveys, property surveys and right of way mapping for the Roddy Road at LA 621 Roundabout project. This project includes approximately 0.34 miles of roadway reconstruction and roundabout intersection improvements at the intersection of LA 621 and Roddy Rd. in Gonzales, LA.				
06/22 – Ongoing	<b>Contract No. 44-21973, LADOTD IDIQ Surveying Services Statewide Louisiana</b> – Survey Technician. Provided technical survey support.				
05/22 – Ongoing	<b>Contract 4400019336 – Rural Bridge Replacement Initiative Phase 2 (40 bridge structures), Districts 04 &amp; 05 (LADOTD)</b> – Survey Technician. Provided technical survey support for the 40 bridge replacement structures.				
05/22 – 08/22	<b>H.009892 LDRR (New Iberia) US 90 Frontage Road</b> – Survey Technician. Data processing. TBS provided surveying services of a +/- 12- acre site near the intersection of US 90 and LA 329. A topographic survey and existing drainage study were required to design and construct a roadway extending the US 90 Frontage Road across the LDRR.				
11/21 – 5/22	<b>BLFWD-Mississippi River Reintroduction into Bayou Lafourche Phase III: Preliminary Volume Calculation Survey</b> – Survey Intern. Provided professional survey services to perform a preliminary volume calculation survey for Phase 3 of the Bayou Lafourche Reintroduction.				

Firm name	Royal Engineers and Consultants, LLC		Past Performance Evaluation Discipline(s)*	Other (Sidewalks)	
Project name	Iberia Street Sidewalk			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	City of Youngsville		
Project location	Youngsville, LA		Owner's Project Manager	Sally Angers	
Owner's address, phone, email	305 Iberia Street, Youngsville, LA 70592, 337.856.418, sallyangers@youngsvillela.gov				
Services commenced by this firm (mm/yy)	08 / 2015	Total consultant contract cost (\$1,000's)	\$68.4		
Services completed by this firm (mm/yy)	01 / 2022	Cost of consultant services provided by this firm (\$1,000's)	\$65.9		

### 17. Firm Experience:

Royal performed design and construction phase services for the installation of a new sidewalk along Iberia Street located in Youngsville, Louisiana, to provide connectivity from the Sugar Mill Pond development to School Street to promote walking and bicycle traffic for the residents. The City requested Royal perform an initial cost analysis for three variations of sidewalk: 1) concrete, 2) asphalt, and 3) an environmentally green product. After the analysis was reviewed, the City decided for Royal to proceed with the concrete sidewalk design.

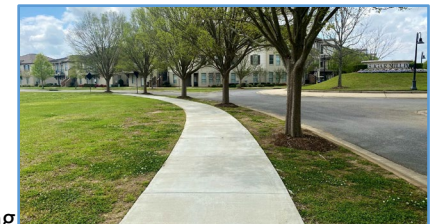
The sidewalk design comprised approximately 4159 LF (0.788 miles) of 6 ft width by 4-inch thick concrete sidewalks. It was designed in accordance with current ADA guidelines to have a maximum cross slope of 2%, a maximum longitudinal slope of 5%, and a maximum ramp slope of 1 in over 12 in, where applicable. The sidewalk alignment was additionally designed to provide adequate offset distance from the adjacent road, to maintain positive drainage, and to minimize the need for utility relocations and right-of-way acquisition. The completed sidewalk design was able to be located within existing right-of-way or other utility or facility servitudes, avoiding the need for right-of-way acquisition.

Along with the sidewalk, Royal designed two pedestrian bridges within the sidewalk's footprint at Bayou Park Perdu and at a smaller, unnamed channel. Royal selected a pre-fabricated weathered steel pedestrian bridge design with concrete decking, as manufactured by Contech Engineered Solutions, LLC, due to the availability of long-span options and ease of construction. The selected bridges could span the channels without intermediate supports, thereby causing no obstruction to the existing channel flow. Royal designed the bridge abutment and pile foundation system to fully support the bridge design loads utilizing geotechnical design recommendations provided by Louisiana Testing and Inspection, LLC.

The project also required the conversion of the existing open ditch drainage to an enclosed storm drainage system with grate inlets to accommodate the proposed sidewalk installation. Royal performed the necessary drainage analysis and design in accordance with the LA DOTD Hydraulics Manual utilizing the DOTD HYDR6020 Program for storm drain design.

Following the production of preliminary plans and specifications, Royal led the project through the Department of Transportation and Development's Transportation Alternatives funding program (DOTD TAP). To comply with DOTD TAP requirements, Royal revised the design plans to be in accordance with DOTD CAD standards and utilized DOTD standard plans and specifications for further design development. Ultimately, construction plans were provided to the city to facilitate the project's construction. Royal provided as-needed support to the City of Youngsville during sidewalk construction, including plan clarifications, utility coordination/relocations, and other technical support.

**Key Personnel:** Beau Tate, Katherine Foreman



<b>Firm name</b>	<b>Royal Engineers and Consultants, LLC</b>		Past Performance Evaluation Discipline(s)*	Other (Sidewalks)
Project name	Polly Lane Extension		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Lafayette City-Parish Consolidated Government (LCG)	
Project location	Lafayette, LA	Owner's Project Manager	Alison Lognion	
Owner's address, phone, email	705 W University Ave, Lafayette, LA 70506 337.291.8522, alognion@lafayettela.gov			
Services commenced by this firm (mm/yy)	08 / 2015	Total consultant contract cost (\$1,000's)		\$351.3
Services completed by this firm (mm/yy)	11 / 2021	Cost of consultant services provided by this firm (\$1,000's)		\$117.3

Royal Engineers and Consultants, LLC ("Royal") provided professional engineering design services for the extension and connection of both existing dead-end streets of Polly Lane to provide connectivity for vehicular and pedestrian traffic across Issac Verot Coulee. The scope of work also included roadway reconstruction and widening of the existing roadway south of Gathright Street to its existing section at Verot School Road and installation of sidewalks on both sides of the road along the entire length of the project. The approximate length of the new roadway is 1,080 linear feet and the length of improvements to existing roadway is 930 linear feet. The roadway extension/ connection consists of a 2-lane asphaltic concrete roadway, concrete sidewalks, subsurface drainage, traffic circle, concrete box culvert in Issac Verot Coulee Lateral 7, articulating block matting for scour protection, ADA ramps, and street lighting. The project also involved installation of a new 8" water main and water and sewer service line adjustments and relocations.



Royal's design phase services included topographical and boundary surveying, all preliminary and final plans, preparation of all necessary right-of-way maps/plats and other governmental staking and inspection authorized on an as-need basis by owner, opinions of probable construction cost, design calculations, utility coordination, site condition assessment and surveying, permitting, and preparation of technical specifications and bid documents. **The topographical survey was performed by Royal's surveying subconsultant T. Baker Smith, LLC (TBS)**, which was used to develop the design plans and determine apparent right-of-way lines. The road was designed in accordance with LCG guidelines and other industry and state standards such as the AASHTO Greenbook and the LADOTD Road Design Manual. The sidewalks were designed in accordance with all LCG standard plans and ADA requirements, and the hydraulic design was in accordance with the 2011 LADOTD Hydraulics Manual. Following the completion of Preliminary design plans, Royal determined the required extent of right-of-way to construct the new roadway and sidewalks and coordinated with TBS to perform a boundary survey and prepare right-of-way maps, which were provided to LCG to facilitate the acquisition of the required right-of-way. Prior to finalizing and stamping construction plans, Royal produced 95% Advanced Check Prints for review by LCG and relevant utility companies for a final, detailed review of the project.



Construction phase services included pre-construction coordination, contractor submittal review and tracking, shop drawing review and approval, RFI management, on-site progress meetings, construction monitoring, engineering during construction, preliminary and final walk-through, punch list, substantial completion coordination, completion of record drawings and contractor pay request coordination. Royal also provided resident inspection services .

Design and construction of the project were divided into several phases to expedite the construction of the road and provide access to a newly built apartment complex. Phase 1 of the project was completed in July 2019, and construction of Phase 2 was completed in November 2021.

**Key Personnel:** Katherine Foreman, Beau Tate, Brennon Bourgeois

Firm name	Royal Engineers and Consultants, LLC		Past Performance Evaluation Discipline(s)*	Other (Sidewalks)
Project name	Camellia – Settlers Trace Turning Lane		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Lafayette Consolidated Government (LCG)	
Project location	Lafayette, LA		Owner's Project Manager	Alison Lognion
Owner's address, phone, email	705 W University Ave, Lafayette, LA 70506 337.291.8522, alognion@lafayettela.gov			
Services commenced by this firm (mm/yy)	12 / 2017	Total consultant contract cost (\$1,000's)	\$116.7	
Services completed by this firm (mm/yy)	02 / 2022	Cost of consultant services provided by this firm (\$1,000's)	\$59	

Royal was contracted by Lafayette Consolidated Government (LCG) to provide professional engineering design services for the addition of a dedicated right turn lane and a second left turn lane at the intersection of Camellia Boulevard and Settlers Trace Boulevard in Lafayette, Louisiana. Project features included approximately 1200 SY of new concrete pavement and associated base course, 160 LF of new storm drain pipe, 400 SY of concrete sidewalks, 4 new or modified drainage structures, 3 new traffic signal heads, and modifications and improvements to the street lighting system.

Royal's design phase services included all preliminary and final plans, specifications, boundary surveys and preparation of all necessary right-of-way maps/plats, opinions of probable construction cost, design calculations, and utility coordination and relocation. Design for the roadway modification included performing engineering design and analyses for widening the concrete roadway, evaluation of the existing drainage infrastructure, and identifying required modifications to the existing drainage system. Royal also provided plans for road striping, sidewalk relocation and ADA ramp reconstruction, street lighting, and recommendations for construction phasing.

Construction phase services included pre-construction coordination, contractor submittal review and tracking, shop drawing review and approval, RFI management, on-site progress meetings, construction monitoring, engineering during construction, preliminary and final walk-through, punch list, substantial completion coordination, completion of record drawings and contractor pay request and change order preparation. Royal also provided Resident Inspection services throughout the duration of construction.

Boundary surveying services for the project were provided by subconsultant **T. Baker Smith, LLC**. Upon completion of Preliminary Plans and the Plan-In-Hand meeting, Royal determined through coordination with the LCG Traffic Department that the new right turn lane and relocated sidewalk could be constructed within the existing Camellia Boulevard right-of-way by reducing the lane widths at the location of the new turn lane from 12 ft to 11 ft, thereby eliminating any need for right-of-way acquisition.

**Key Personnel:** Katherine Foreman, Beau Tate, Brennon Bourgeois, Billy Fontenot, Carter O'Brien





<b>Firm name</b>	<b>Royal Engineers and Consultants, LLC</b>	<b>Past Performance Evaluation Discipline(s)*</b>	<b>Other (Sidewalks)</b>
Project name	St. Bernard HMP Canal Crossing	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	St. Bernard Parish Government
Project location	St. Bernard Parish, LA	Owner's Project Manager	Donald R. Bourgeois, Jr.
Owner's address, phone, email	1125 East St. Bernard Highway, Chalmette, LA 70043 504.278.4313, dbourgeois@sbsp.net		
Services commenced by this firm (mm/yy)	07 / 2014	Total consultant contract cost (\$1,000's)	\$550
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$540

Royal was contracted by St. Bernard Parish Government (SBPG) to provide consulting and engineering services regarding repairing, restoring, and/or replacing Parish-owned roadways and bridges to their Pre-Katrina condition while preserving each facility's historical value and intent. As part of the contract, Royal was responsible for the six (6) separate project locations throughout St. Bernard Parish. Each of these projects includes the restoration of concrete and asphalt roadways, including associated infrastructure and restoration or replacement of existing damaged canal crossing structures. Incidental associated infrastructure to be restored or replaced for each project included concrete sidewalks, driveways, storm drainage systems, sewer mains, and water mains.

Design services provided by Royal for each separate canal crossing project included the preparation of final plans and technical specifications, preparing an opinion of construction cost, coordinating with permitting agencies and LADOTD and securing all related permits, coordinating with utilities and other agencies with assets within the construction area, and preparing a hazard mitigation proposal. Design plans and specifications were prepared in accordance with St. Bernard Parish standard plans and other state and industry standards such as LADOTD Road Design Manual, LADOTD Hydraulics Manual, LADOTD Standard Specifications for Roads & Bridges, AASHTO Greenbook, current ADA guidelines, and the AASHTO Roadside Design Guide.

Royal also provided bid and construction phase services for each of the canal crossing projects. Bid phase services provided by Royal included (a) the preparation and compilation of a bid package including front-end documents, construction drawings, and specifications, (b) attendance of a pre-bid and bid opening meetings with members of SBP and prospective bidders, (c) production of addenda in response to Contractor questions, and (d) review and tabulation of bids and production of a recommendation of acceptance to the lowest, responsive bidder.

Construction Management services included reviewing product and work plan submittals, reviewing daily resident inspection reports, reviewing Contractor invoices against quantity takeoffs and construction specifications for payment, performing progress meetings, and general management of the Contractor during construction. Royal was also responsible for creating a punch list, submitting documents related to Substantial Completion and Final Acceptance at appropriate project milestones, and creating as-built sets following construction. Royal also provided Resident Inspection services throughout the construction of the projects, including employing qualified personnel to observe and log daily field activities of the contractor and performing quantity takeoffs.

**Key Personnel:** Michael Pugh, Beau Tate, Katherine Foreman, Carter O'Brien



<b>Firm name</b>	<b>Royal Engineers and Consultants, LLC</b>		<b>Past Performance Evaluation Discipline(s)*</b>	<b>Road/Bridge/Survey</b>
<b>Project name</b>	<b>DOTD OSBR West Metairie Ave Bridge</b>		<b>Firm responsibility (prime or sub?)</b>	<b>Prime</b>
<b>Project number</b>	<b>100134 / 2022-44</b>	<b>Owner's name</b>	<b>DOTD/Jefferson Parish</b>	
<b>Project location</b>	<b>Jefferson Parish, LA</b>		<b>Owner's Project Manager</b>	<b>Barbara Ostuno, PE</b>
<b>Owner's address, phone, email</b>	<b>PO Box 94245, Baton Rouge, LA, 70804, (225) 379-1047 , Barbara.ostuno@la.gov</b>			
<b>Services commenced by this firm (mm/yy)</b>	<b>05/ 2023</b>	<b>Total consultant contract cost (\$1,000's)</b>		<b>\$93.240</b>
<b>Services completed by this firm (mm/yy)</b>	<b>Ongoing</b>	<b>Cost of consultant services provided by this firm (\$1,000's)</b>		<b>\$77.24</b>

Royal Engineers and Consultants, LLC is providing engineering and related services required for developing plans to replace an existing slab span bridge at West Metairie Avenue over the South Suburban Canal in Jefferson Parish, which is off the State Highway System.

Royal is managing all aspects of design and client relations, overseeing plan production in accordance with the Off-System Highway Bridge Program Guidelines,

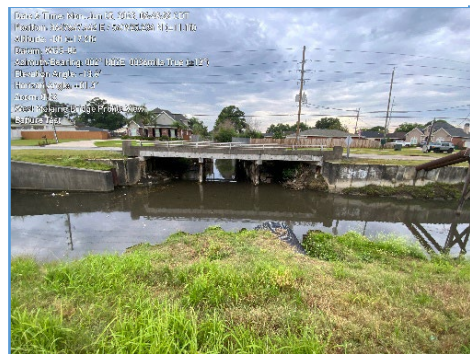


Existing Bridge

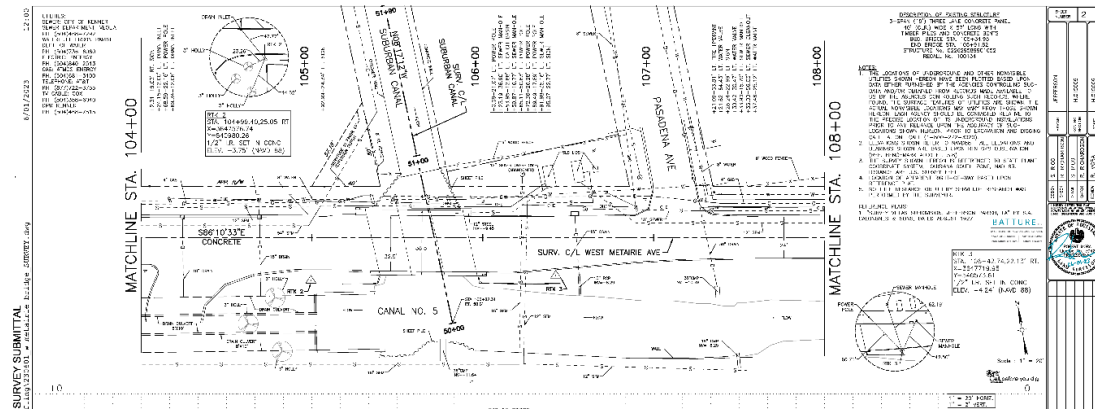
leading the hydraulic analysis and design for all viable alternatives for the bridge replacement in accordance with the DOTD Hydraulics Manual, and coordinating survey efforts. Other services to be provided by Royal include, preliminary plan production, , and environmental services including solicitation of views, categorical exclusion clearance, wetland studies, and other information needed for the Environmental Clearance process. Batture, LLC, provided topographic surveying services for the project, with survey deliverables provided in accordance with the OSBR Program Guidelines and the LADOTD Location and Survey Manual.

Royal has completed the survey phase of the project and are currently in the Preliminary Plans phase, and recently submitted the 50% Preliminary design.

**Key Personnel:** Katherine Foreman, PE (Design Lead, Project Manager); Carter O'Brien (Assistant Project Manager, Constructability Reviews); Laudun Landry, PE (Structural Design); William Fontenot, PE (QA/QC)



Sample of Survey Deliverable



<b>Firm name</b>	<b>T. Baker Smith, LLC</b>		<b>Past Performance Evaluation Discipline(s)*</b>	Survey
Project name	Rural Bridge Replacement Initiative 47 Structures, Phases I & II		Firm responsibility (prime or sub?)	Prime
Project number	Multiple H#s	Owner's name	LA DOTD	
Project location	Statewide		Owner's Project Manager	Valerie M Tourres, PE
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802   225.379.1047   Valerie.Tourres@la.gov			
Services commenced by this firm (mm/yy)	08/ 2020	Total consultant contract cost (\$1,000's)		\$6,561
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$4,440

As part of an overall effort by LADOTD to reduce the amount of structurally deficient bridges throughout the state as part of meeting FHWA metrics, LADOTD contracted TBS for the Rural Bridge Replacement Initiative, Phase I and Phase II project which replaced 87 bridge structures, primarily in North Louisiana, within 14 parishes including Claiborne, Webster, and Red River Parish.

The consultant contract **was complete turnkey project involving inspection, surveying, ROW, geotechnical**, preliminary and final bridge plans, preliminary and final roadway plans, construction services, scour analysis, hydraulic analysis, load rating and permanent signing. TBS was the prime consultant for this contract and is responsible for nearly all contract services including inspection, surveying, ROW, Preliminary and final bridge plans, preliminary and final roadway plans, construction services, scour analysis, hydraulic analysis, load rating and permanent signing for all 87 structures. TBS is coordinating geotechnical investigation and design using sub-consultants. The replacement structures include box culverts, RC Slab spans, and Louisiana Girder (LG) 25 girder span bridges on PPC piles having clear widths ranging from 24' wide to 40' wide.



TBS is also managing and delivering this extensive project through the issuance of fifteen (27) individual and concurrent State Project Numbers/Plan sets. **Phase I, which includes 47 bridge structures, is being completed short of a typical 3-4 year timeline for this extensive scope of work and LADOTD is scheduled to let all bridge structures during Federal FY 22-23. Therefore, replacement plans for all 47 bridge sites were due within 21 months**, including surveying, geotechnical, design and plan development. The project met this extremely aggressive schedule, and TBS met its initial commitment and delivered Final Plans on 15 out of 15 of the state projects by June 2022. Phase II, which includes 40 bridge structures, is ongoing with all Final Plans to be delivered by September of 2023.



**Key Personnel:** Jean Reulet, III, PLS; Rene Hebert, PLS, PMP; Laramie Leet; Ryan DiSalvo, LSI

<b>Firm name</b>	<b>T. Baker Smith, LLC</b>		<b>Past Performance Evaluation Discipline(s)*</b>	Survey
Project name	LDRR (New Iberia) US 90 Frontage Road		Firm responsibility (prime or sub?)	Prime
Project number	H.009892	Owner's name	LA DOTD	
Project location	Statewide		Owner's Project Manager	Steve Leblanc
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804   225.379.1956   steve.leblanc2@la.gov			
Services commenced by this firm (mm/yy)	05/22	Total consultant contract cost (\$1,000's)	\$68,000	
Services completed by this firm (mm/yy)	08/22	Cost of consultant services provided by this firm (\$1,000's)	\$68,000	

In 2022, the Louisiana Department of Transportation and Development (LADOTD) planned to connect the US 90 Frontage Road across LA 329 and the existing Louisiana and Delta Railroad (LDRR) in New Iberia, LA.

T. Baker Smith, LLC provided surveying services for a +/- 12-acre site near the intersection of US 90 and LA 329. A topographic survey and existing drainage study were required to design and construct a roadway extending the US 90 Frontage Road across the LDRR.

TBS acquired the necessary permits to procure access to the railroad for topographic data collection purposes. Additionally, TBS coordinated with utility owners to provide LADOTD with an inventory of existing utilities on site.



**Key Personnel:** Rene Hebert, PLS, PMP; Laramey Leet; Jean Reulet, PLS; Ryan DiSalvo, LSI; David Martinez, PLS

<b>Firm name</b>	<b>T. Baker Smith, LLC</b>		<b>Past Performance Evaluation Discipline(s)*</b>	<b>Other (Sidewalks)</b>
Project name	Kenner Discovery School Sidewalk Project		Firm responsibility (prime or sub?)	Prime
Project number	H.015087	Owner's name	City of Kenner, LA	
Project location	Jefferson Parish	Owner's Project Manager	Jose Gonzalez, P.E.	
Owner's address, phone, email	City Hall 1801 Williams Blvd. Building B, Suite 200, Kenner, LA 70062; 504-.68.7515; jgonzalez@kenner.la.us			
Services commenced by this firm (mm/yy)	02/23	Total consultant contract cost (\$1,000's)	\$60	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$60	

The City of Kenner in Jefferson Parish, with funding from the Louisiana Department of Transportation and Development's Transportation Alternatives Program (TAP), is constructing a concrete sidewalk around the Kenner Discovery Health Sciences Academy and installing pedestrian crossing signals at the Vintage Drive and Loyola Intersection. The proposed 5-foot-wide, 6-inch thick, and handicap-accessible concrete sidewalk will tie into the existing sidewalk starting on Vintage Drive at W. Loyola Drive (30.034675, -90.2722); and extends approximately 1,200 feet along the southside of Vintage Drive to Loyola Drive, then travels approximately 900 feet from Vintage Drive along the western side of Loyola Drive to tie into the existing sidewalk near the Kenner Inspired Living Center (30.0332106,-90.268881).

The construction of this sidewalk will connect several neighborhoods to the Kenner Discovery School and other commercial enterprises along Loyola Drive to the south, creating a mainline pathway for non-drivers to access daily needs destinations on foot or bike. Residents to the west of the intersection of Loyola and Vintage will be able to traverse the sidewalk on the south side of Vintage and the west side of Loyola without having to cross a busy four-lane roadway to reach both the school and other commercial destination along Loyola Drive. The project also proposed to add pedestrian crossing signals (push button pedestrian heads) at the intersection of Loyola and Vintage to accommodate all pedestrians, especially Kenner Discovery School students. The immediate impact of the sidewalks and crossing signals will be increased safety to the students and staff of the school



**Key Personnel:** Jean Reulet, III, PLS; Ryan Disalvo, LSI

## 18. Approach and Methodology

### Project Overview and Understanding

This project aims to construct a sidewalk on the north side of Doucet Rd. from Mayard Rd. to W. Bayou Parkway, in Lafayette, Louisiana. The overall project length is approximately 0.9 miles. Royal understands the importance of providing safe pedestrian facilities and connectivity along this highly utilized corridor linking residential and commercial areas in the heart of Lafayette

### Project Kick-off

Upon Notice of Award (NOA), Royal will be ready to mobilize and initiate design services. We will start by submitting our QA/QC Plan within 10 days of NOA and proceeding to prepare an initial project schedule. We will coordinate with the DOTD Project Manager to schedule an in-person design kickoff meeting, which will include a site visit with DOTD, LCG, utility companies, and our surveying subconsultant T. Baker Smith, LLC (TBS) present to clarify the project limits and to identify any potential design concerns. Topics of conversation at the kickoff meeting may include:

- Clarifying project scope and extent with the Entity.
- Request existing project information such as design or as-built drawings of Doucet Rd and existing infrastructure such as storm drains and utilities.
- Identify potential project issues including:
  - Many residential driveways appear steeper than the ADA maximum cross-slope; most, if not all driveways need to be reconstructed to provide an accessible route.
  - Yard or sidewalk drains will likely be necessary in some locations to accommodate existing drainage swales.
  - Narrow width to accommodate sidewalk between the edge of the roadway and other features (e.g. fence, parking lot). Storm drainage and constructability must be given extra attention in these areas.
  - Business and resident access concerns during construction of the project. Will discuss the possibility of phased construction to alleviate any concerns.
- Whether the Entity prefers sidewalk widths and offsets beyond the minimum design requirements defined in the DOTD Minimum Design Guidelines, Complete Streets Design Guide, and section 5.6 of the Road Design Manual.



*We will discuss business/resident access and egress concerns during the kickoff meeting. A phased approach to the project may alleviate these concerns.*

Before proceeding with design development, Royal will prepare a Project Design Criteria Report to serve as the basis for design and deliverables.

### Preliminary Design

Immediately following the design kickoff meeting, Royal will engage TBS to perform the topographic survey. The survey will be performed per the current edition of the DOTD Location and Survey Manual using the Louisiana State Plane Coordinate System. The survey extents will extend approximately 10 ft beyond the apparent northern R/W of Doucet Rd. unless determined otherwise at the design kickoff meeting. Following the project solicitation, the topographic survey will

include the establishment of referenced iron rods as necessary, the location and establishment of ownership of utilities, and coordination with the DOTD Location and Survey Administrator as required. The topographic survey will capture standard topographic features as well as locations and elevations of all pertinent features within the project extents such as: apparent existing R/ W, sidewalks, drainage inlets, top of casting/covers for utilities, ditches/swales, driveways, edges of road and shoulders, fences, trees, landscaping, mailboxes, street signs, buildings near the road, and other permanent structures. Royal will also request authorization from DOTD for TBS to initiate Title Takeoff services at the project's onset.



*View of Doucet Road near the western project boundary.*

The topographic survey will be used to produce the 30% Preliminary Plans, which will include a title sheet, proposed typical section, and plan/profile sheets showing the topographical survey of existing conditions.

Design development will continue while the 30% plans are in review by DOTD. Royal will coordinate with DOTD to obtain as-builts and/or design plans for existing drainage infrastructure and H&H design information, if available. We will design the sidewalk vertical alignment to maintain current drainage patterns determine if there are any locations where sidewalk drains or other special details will be needed to maintain drainage, and design accordingly. All drainage analysis and design, if applicable, will be in accordance with the 2011 LA DOTD Hydraulics Manual. Sidewalks and driveway crossings will be designed under the criteria established by the Project Design Criteria Report, while prioritizing pedestrian safety, minimizing R/W acquisition, and satisfying all requirements of section 5.6 of the Road Design Manual, current ADA requirements, Standard Plan PED-01, and the criteria prescribed in 23 CFR 625, Design Standards for Highways.

The 60% Preliminary plan set will build upon the 30% plans by adding horizontal and vertical alignment of the proposed sidewalk, geometric details, cross sections, and drainage plan/profile sheets if deemed applicable. At this stage, utility relocation recommendations will be developed, and a Preliminary Design Report will also be submitted.

The 90% Preliminary plans will incorporate any comments from the previous design stage and include summary sheets with tables and suggested construction sequence. A draft of the Final Design Report will be submitted along with the Preliminary Cost Estimate and QA/QC Checklist. Royal will address comments from the 90% Preliminary review and submit/distribute 95% Preliminary plans before the Plan-In-Hand (PIH) meeting.

If necessary, 100% Preliminary plans and the finalized Final Design Report will be submitted to address comments from the PIH meeting.

All required Preliminary Design deliverables will be per the LADOTD Project Delivery Manual, Electronic Deliverables requirements, and the LADOTD CAD Standards.

## Final Design

Upon receiving environmental clearance and notice to proceed with final plans, Royal will prepare and submit 60% final plans. A Revised Design Report will also be provided if one or more design criteria is changed from the Final Design Report.

The 95% Advanced Check Prints (ACP) will then be produced, incorporating all comments from the previous review. At this stage, the design will consist of a complete plan set with sufficient detail for construction. The ACP drawings will be accompanied by a completed QA/QC checklist, Special Provisions, and a Revised Design Report, if applicable.



*View of Doucet Road near eastern project boundary.*

The 98% Final plans will incorporate comments from the previous review, complete with a copy of all design computations used in developing the pay quantities and the drainage design data for culverts and storm sewers, as applicable, Constructability Review Form, final QA/QC checklist, and Contract Time Worksheet, PRR Form, and SWPPP (if applicable). The 98% Final plans will be reviewed to ensure all comments have been incorporated and to assure quality before final, stamped plans are produced.

The 100% Final plans will consist of the final, signed, and stamped design drawings ready for letting and construction.

All required Final Design documents will be delivered by the schedule set forth by the DOTD Project Manager and will be compliant with the LADOTD Project Delivery Manual, Electronic Deliverables Requirements, LADOTD CAD Standards, and all other size, formatting, and quality standards adopted by DOTD.

### Construction Support

Once the project proceeds to construction, Royal will remain ready to provide as-needed engineering support. We understand this will include reviewing and addressing all RFIs concerning plan and specification clarifications, providing construction on-call support, assisting DOTD with meetings upon request, and delivering requested minor design changes and corrections. Royal will respond to RFI's within 48 hours.

Royal routinely provides engineering support during construction for our design projects and frequently provides additional services such as resident inspection and complete construction management services. As such, we are equipped to provide the required support and respond to all requests in a timely manner.

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*Royal routinely provides engineering support during construction for our design projects.*

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## Team Performance History

Royal has a long-standing relationship working with T. Baker Smith, as demonstrated by the Polly Lane Extension and Camellia Boulevard/Settlers Trace Boulevard Turn Lanes road design projects. These projects notably involved the design of sidewalks by Royal and topographic survey, boundary survey, and R/W map preparation by TBS, similar to Doucet Rd. Sidewalks project. Royal and TBS have worked together and are currently working together on numerous other projects throughout Louisiana including a disaster recovery project in Cameron Parish involving topographic and bathymetric surveying and construction staking services and a marsh creation project in St. Tammany Parish requiring topographic and hydrographic surveying.



TBS’s successful performance on numerous statewide projects for LA DOTD demonstrates our familiarity with DOTD’s Location and Survey Manual, quality control requirements, CAD standards, and deliverable requirements which will be beneficial in completing the project on time, within budget, and to a high standard of quality.

**Capacity to Deliver on Schedule**

The average workload for Royal is 30-50 concurrent, ongoing projects, each with project resource capacities easily being met. The program execution team presented herein is poised to begin work and is supported by a combined staff of over 40+ people. As such, we can and will provide the professional services required by the project advertisement immediately upon request. We have proven the capacity to scale and mobilize sufficient resources. As a small business delivering large-scale work, our resourcing strategy includes weekly measurement (and as needed, adjustment) of project commitments, available resources, and the resulting project task assignments.

All project delivery plans target ahead-of-schedule milestones to accommodate resource adaptability needs. A sample schedule summarizing Royal’s plan to complete the project within the 450-day estimated project duration is provided below. However, Royal has ample resources which may be applied to this project to finish ahead of time.

**Doucet Road Sidewalks Proposed Schedule\***

Task Name	Duration	Q4 2023			Q1 2024			Q2 2024			Q3 2024			Q4 2024		
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Kickoff Meeting/NTP	5d	█														
Design Criteria Report	30d	█	█													
Topo Survey	45d	█	█	█												
30% Preliminary Design	75d		█	█	█											
60% Preliminary Design	75d			█	█	█										
95% Preliminary Design	60d				█	█	█									
Plan-In-Hand Meeting	20d						█	█								
100% Preliminary Plans	45d							█	█	█						
<b>MILESTONE: Receive Environmental Clearance / NTP for Final Plans*</b>	1d									█						
60% Final Plans	75d									█	█	█				
95% ACP	60d											█	█	█		
98% Final Plans	60d												█	█	█	
100% Final Plans	30d													█	█	█
<b>MILESTONE: Project Completion</b>	1d															█

\*Depicted schedule is typical. Exact schedule to be determined upon award.

**19. Workload:**

For all contracts where a firm on the team is a prime consultant or sub-consultant and where **a)** the consultant selection was made by DOTD, and **b)** a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Royal	Road, Bridge	4400024593/ H.015009.5	DOTD OSBR West Metairie Ave Bridge	\$93,240
Royal	CE&I	4400024438/ H.010673	Harvey Tunnel Rehabilitation	\$728,551
Royal	CE&I	4400027010/ H.015018.5	Entity Contract for Lafayette Parish Non-State PVMT Markings	\$127,195
T. Baker Smith, LLC	Bridge	4400013407/H.013199	Country Estates Dr. Over St. Louis Bayou	\$799
T. Baker Smith, LLC	Bridge	4400019336/H.014217	LA 537: Bridges Near Plain Dealing	\$14,625
T. Baker Smith, LLC	Bridge	4400019336/H.014218	LA 2A: Thorny Branch & Indian Creek Brs	\$1,337
T. Baker Smith, LLC	Bridge	4400019336/H.014219	LA 507: Creek Bridges Near Simsboro	\$5,778
T. Baker Smith, LLC	Bridge	4400019336/H.014222	LA 516: Poland Branch Bridge	\$667
T. Baker Smith, LLC	Bridge	4400019336/H.014228	LA 159: Bridges Near Shongaloo	\$11,360
T. Baker Smith, LLC	Bridge	4400019336/H.014231	LA 153: Topy Creek Relief & Drain Brs	\$56,184
T. Baker Smith, LLC	Bridge	4400019336/H.014236	LA 3008: Bridges Near Cotton Valley	\$72,278
T. Baker Smith, LLC	Bridge	4400019336/H.014238	LA 818: Barnet Springs & Creek Bridges	\$4,121
T. Baker Smith, LLC	Bridge	4400019336/H.014239	LA 589: Lyon Bayou Bridge	\$13,224
T. Baker Smith, LLC	Bridge	4400019336/H.014264	LA 556: Bridges Near Choudrant	\$34,280
T. Baker Smith, LLC	Bridge	4400025027/H.015339	Lakeside Loop Over Yocum Creek	\$35,210
T. Baker Smith, LLC	Bridge	4400025027/H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$19,684
T. Baker Smith, LLC	Bridge	4400025027/H.015444	Shady Grove Road Over Middle Creek	\$58,104
T. Baker Smith, LLC	Bridge	4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$13,146
T. Baker Smith, LLC	Bridge	4400025027/H.015446	Craigerville Road Over Mayhaw Branch	\$13,146
T. Baker Smith, LLC	Bridge	4400025027/H.015447	Cutts Road Over Hemphill Creek	\$13,146
T. Baker Smith, LLC	Bridge	4400025027/H.015448	Philadelphia Road Over Haines Creek	\$13,491

<b>T. Baker Smith, LLC</b>	Bridge	4400025027/H.015449	Grand Staff Road Over Creek	\$12,556
<b>T. Baker Smith, LLC</b>	Environmental	4400019336/H.014217	LA 537: Bridges Near Plain Dealing	\$4,470
<b>T. Baker Smith, LLC</b>	Environmental	4400019336/H.014218	LA 2A: Thorny Branch & Indian Creek Brs	\$0
<b>T. Baker Smith, LLC</b>	Environmental	4400019336/H.014219	LA 507: Creek Bridges Near Simsboro	\$2,411
<b>T. Baker Smith, LLC</b>	Environmental	4400019336/H.014222	LA 516: Poland Branch Bridge	\$1,052
<b>T. Baker Smith, LLC</b>	Environmental	4400019336/H.014228	LA 159: Bridges Near Shongaloo	\$6,022
<b>T. Baker Smith, LLC</b>	Environmental	4400019336/H.014231	LA 153: Topy Creek Relief & Drain Brs	\$15,059
<b>T. Baker Smith, LLC</b>	Environmental	4400019336/H.014236	LA 3008: Bridges Near Cotton Valley	\$20,854
<b>T. Baker Smith, LLC</b>	Environmental	4400019336/H.014238	LA 818: Barnet Springs & Creek Bridges	\$1,721
<b>T. Baker Smith, LLC</b>	Environmental	4400019336/H.014239	LA 589: Lyon Bayou Bridge	\$6,535
<b>T. Baker Smith, LLC</b>	Environmental	4400019336/H.014264	LA 556: Bridges Near Choudrant	\$16,941
<b>T. Baker Smith, LLC</b>	Environmental	4400025027/H.015339	Lakeside Loop Over Yocum Creek	\$38,000
<b>T. Baker Smith, LLC</b>	Environmental	4400025027/H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$24,000
<b>T. Baker Smith, LLC</b>	Environmental	4400025027/H.015443	Bordelon Crossing Over Bayou Rouge	\$40,000
<b>T. Baker Smith, LLC</b>	Environmental	4400025027/H.015444	Shady Grove Road Over Middle Creek	\$70,000
<b>T. Baker Smith, LLC</b>	Environmental	4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$40,000
<b>T. Baker Smith, LLC</b>	Environmental	4400025027/H.015446	Craigerville Road Over Mayhaw Branch	\$40,000
<b>T. Baker Smith, LLC</b>	Environmental	4400025027/H.015447	Cutts Road Over Hemphill Creek	\$40,000
<b>T. Baker Smith, LLC</b>	Environmental	4400025027/H.015448	Philadelphia Road Over Haines Creek	\$22,500
<b>T. Baker Smith, LLC</b>	Environmental	4400025027/H.015449	Grand Staff Road Over Creek	\$40,000
<b>T. Baker Smith, LLC</b>	Hydraulics	4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$17,000
<b>T. Baker Smith, LLC</b>	Hydraulics	4400025027/H.015446	Craigerville Road Over Mayhaw Branch	\$17,000
<b>T. Baker Smith, LLC</b>	Hydraulics	4400025027/H.015447	Cutts Road Over Hemphill Creek	\$17,000
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400013203/H.001344	US 190: LA 437 to US 190 Bus (Ph 1)	\$92,580
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400004726/H.004113	LA 3241: LA 435 to LA 40/41	\$102,092
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400008113/H.011152	I-12: US 190 to LA 59	\$85,282
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400017598/H.013942	LA 9: Middle Fork Bayou and Creek Bridges	\$26,186

<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400025027/H.015339	Lakeside Loop Over Yocum Creek	\$18,000
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400025027/H.015339	Lakeside Loop Over Yocum Creek	\$18,000
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400025027/H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$8,400
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400025027/H.015443	Bordelon Crossing Over Bayou Rouge	\$7,000
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400025027/H.015444	Shady Grove Road Over Middle Creek	\$20,000
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$6,000
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400025027/H.015446	Craigerville Road Over Mayhaw Branch	\$6,000
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400025027/H.015447	Cutts Road Over Hemphill Creek	\$6,000
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400025027/H.015448	Philadelphia Road Over Haines Creek	\$6,000
<b>T. Baker Smith, LLC</b>	Other (Construction Support)	4400025027/H.015449	Grand Staff Road Over Creek	\$5,500
<b>T. Baker Smith, LLC</b>	Other (Contract management)	4400019336/H.014217	LA 537: Bridges Near Plain Dealing	\$4,688
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400019336/H.014218	LA 2A: Thorny Branch & Indian Creek Brs	\$446
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400019336/H.014219	LA 507: Creek Bridges Near Simsboro	\$782

<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400019336/H.014222	LA 516: Poland Branch Bridge	\$161
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400019336/H.014228	LA 159: Bridges Near Shongaloo	\$1,458
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400019336/H.014231	LA 153: Topy Creek Relief & Drain Brs	\$10,566
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400019336/H.014236	LA 3008: Bridges Near Cotton Valley	\$6,774
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400019336/H.014238	LA 818: Barnet Springs & Creek Bridges	\$1,646
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400019336/H.014239	LA 589: Lyon Bayou Bridge	\$9,584
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400019336/H.014264	LA 556: Bridges Near Choudrant	\$16,725
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400025027/H.015339	Lakeside Loop Over Yocum Creek	\$12,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400025027/H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$6,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400025027/H.015443	Bordelon Crossing Over Bayou Rouge	\$10,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400025027/H.015444	Shady Grove Road Over Middle Creek	\$20,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$4,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400025027/H.015446	Craigerville Road Over Mayhaw Branch	\$4,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400025027/H.015447	Cutts Road Over Hemphill Creek	\$4,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400025027/H.015448	Philadelphia Road Over Haines Creek	\$4,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400025027/H.015449	Grand Staff Road Over Creek	\$4,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	4400025027/H.015444	Shady Grove Road Over Middle Creek	\$20,000
<b>T. Baker Smith, LLC</b>	Road	4400017007/H.012812	US 190 at Northshore and Camp Villere	\$5,020
<b>T. Baker Smith, LLC</b>	Road	4400013407/H.013199	Country Estates Dr. Over St. Louis Bayou	\$750

T. Baker Smith, LLC	Road	4400019336/H.014217	LA 537: Bridges Near Plain Dealing	\$16,394
T. Baker Smith, LLC	Road	4400019336/H.014218	LA 2A: Thorny Branch & Indian Creek Brs	\$2,610
T. Baker Smith, LLC	Road	4400019336/H.014219	LA 507: Creek Bridges Near Simsboro	\$6,007
T. Baker Smith, LLC	Road	4400019336/H.014228	LA 159: Bridges Near Shongaloo	\$25,026
T. Baker Smith, LLC	Road	4400019336/H.014231	LA 153: Topy Creek Relief & Drain Brs	\$55,568
T. Baker Smith, LLC	Road	4400019336/H.014236	LA 3008: Bridges Near Cotton Valley	\$71,486
T. Baker Smith, LLC	Road	4400019336/H.014239	LA 589: Lyon Bayou Bridge	\$21,124
T. Baker Smith, LLC	Road	4400019336/H.014264	LA 556: Bridges Near Choudrant	\$34,525
T. Baker Smith, LLC	Road	4400025027/H.015339	Lakeside Loop Over Yocum Creek	\$81,790
T. Baker Smith, LLC	Road	4400025027/H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$36,316
T. Baker Smith, LLC	Road	4400025027/H.015444	Shady Grove Road Over Middle Creek	\$157,896
T. Baker Smith, LLC	Road	4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$27,854
T. Baker Smith, LLC	Road	4400025027/H.015446	Craigerville Road Over Mayhaw Branch	\$27,854
T. Baker Smith, LLC	Road	4400025027/H.015447	Cutts Road Over Hemphill Creek	\$27,854
T. Baker Smith, LLC	Road	4400025027/H.015448	Philadelphia Road Over Haines Creek	\$32,509
T. Baker Smith, LLC	Road	4400025027/H.015449	Grand Staff Road Over Creek	\$28,944
T. Baker Smith, LLC	Road	4400019336/H.014222	LA 516: Poland Branch Bridge	\$1,325
T. Baker Smith, LLC	Road	4400019336/H.014238	LA 818: Barnet Springs & Creek Bridges	\$4,241
T. Baker Smith, LLC	SUE	4400014661/H.003931.5	Calcasieu River Bridge Phase 3	\$13,105
T. Baker Smith, LLC	SUE	4400014661/H.003931.5	Calcasieu River Bridge Phase 4	\$32,016
T. Baker Smith, LLC	SUE	4400014661/H.003931.5	Calcasieu River Bridge UC and Test Holes	\$430,423
T. Baker Smith, LLC	Survey	4400019336/H.014239	LA 589: Lyon Bayou Bridge	\$1,008
T. Baker Smith, LLC	Survey	4400019336/H.014264	LA 556: Bridges Near Choudrant	\$6,310

(Add rows as needed)

DO NOT SUM


\* The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

\*\* Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

20. **Certifications/Licenses:**

If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank.**





**LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)**  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mr. Michael Leon Pugh Jr.**

License/Certificate Type - Number	Expiration Date
<b>PE.0030911</b>	<b>03/31/2024</b>

Status: **Active**


**LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)**  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mr. Robert Wesley Klare**

License/Certificate Type - Number	Expiration Date
<b>PE.0042991</b>	<b>03/31/2025</b>

Status: **Active**


**LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)**  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mr. Alec Carter O'Brien**

License/Certificate Type - Number	Expiration Date
<b>PE.0043647</b>	<b>03/31/2024</b>

Status: **Active**


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 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
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**Mr. Brennon Eldredge Bourgeois**

License/Certificate Type - Number	Expiration Date
<b>EI.0034870</b>	<b>09/30/2023</b>

Status: **Active**


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**Mr. William Dean Fontenot Jr.**

License/Certificate Type - Number	Expiration Date
<b>PE.0041036</b>	<b>03/31/2025</b>


Status: **Active**


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**Mr. Laudun Micheal Landry**

License/Certificate Type - Number	Expiration Date
<b>PE.0045878</b>	<b>03/31/2024</b>

Status: **Active**


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**Ms. Cassidy D. Melancon**

License/Certificate Type - Number	Expiration Date
<b>EI.0034626</b>	<b>03/31/2025</b>

Status: **Active**


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**Mr. Beau Joseph Tate**

License/Certificate Type - Number	Expiration Date
<b>PE.0030990</b>	<b>03/31/2024</b>

Status: **Active**



T Baker Smith

**OnlineFlagger.com**

**CERTIFICATE  
IS AWARDED TO  
LARAMEY LEET**

Has successfully completed a flagger training course meeting the requirements of the

**LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT**

on the following date

**MAY 6, 2021**

Valid for 4 years from completion date.  
This temporary/backup certificate is valid with a government -issued photo ID.

Use the code below to validate this certificate's authenticity, or get copies.

**1253 -1061 -108201**

To validate this code go to

<https://onlineflagger.com/temporary-certificate-validator/>

**ATSSA TRAINED**

**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Jean Reulet**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

10/8/2021 to 10/8/2025  
Training Valid Through

New Orleans, LA  
Location

*Laramey Leet*  
Director of Training  
*Shane Trishler*  
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

**ATSSA** American Traffic Safety Services Association ATSSA.com

**ATSSA TRAINED**

**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Laramey L Leet**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

6/24/2022 to 6/24/2026  
Training Valid Through

Baton Rouge, LA  
Location

*Laramey Leet*  
Director of Training  
*Shane Trishler*  
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

**ATSSA** American Traffic Safety Services Association ATSSA.com

**ATSSA TRAINED**

**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Branden Kinnaird**  
has attended  
**Traffic Control Technician-LA State Specific**  
Training Course

6/29/2021 to 6/29/2025  
Training Valid Through

Baton Rouge, LA  
Location

*Laramey Leet*  
Director of Training  
*Shane Trishler*  
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

**ATSSA** American Traffic Safety Services Association ATSSA.com

**LOUISIANA PROFESSIONAL  
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(LAPELS)

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**Mr. Jean Louis Reulet III**

License/Certificate Type - Number	Expiration Date
<b>PLS.0005145</b>	<b>03/31/2024</b>

**21. QA/QC Plan:**

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.**

**22. Sub-consultant information:**

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

<b>Firm Name (Name must match as registered with Louisiana's Secretary of State)</b>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>
T. Baker Smith, LLC	412 South Van Avenue Houma, LA 70353	jean.reulet@tbsmith.com	(985) 868-1050

(Add rows as needed)

**23. Location:**

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement.**